



BHARAT HEAVY ELECTRICALS LIMITED

(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:

429-002/A

Vendor Code : 13440	Enquiry No	Enquiry Date	Due Date for Quotation
Vendor Name : BLUE STAR LIMITED, 46/104,GARUDA BUILDINGS 46, CATHEDRAL ROAD, CHENNAI India PIN- 600086	2691400029 - 41	19.03.2014	15.04.2014
Please quote Enquiry No, Date and due date in all correspondences. This is only a request for quotation and not an order. <u>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.</u>			

Item	Description	Unit	Quantity	Delivery Quantity	Schedule Date
10	<p>PART A QUALIFYING CRITERIA FOR THE SUPPLY OF COMPUTED RADIOGRAPHY SYSTEM 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 #COMPUTED RADIOGRAPHY SYSTEM# 2.0 YEAR of LAUNCH 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 Number of COMPUTED RADIOGRAPHY SYSTEMs supplied, installed and commissioned till date, in the QUOTED MODEL 5.0 Number of COMPUTED RADIOGRAPHY SYSTEMs supplied, installed and commissioned till date for the following category of CUSTOMERS (within INDIA): a) Government Organisations b) Private Sector Companies [Large Scale Industries] 6.0 Number of COMPUTED RADIOGRAPHY SYSTEMs supplied, installed & commissioned till date in the following Category (around the GLOBE) : a) Universities b) R&D Labs c) Reputed Heavy Engineering Works / Manufacturing Firms 7.0 Details of Design Set-Up and Technology Back-Up assured for the PRINCIPAL Equipment Maker 8.0 Details on International Standards followed in Design of the System 9.0 Comprehensive Details on Performance Testing - of the Equipment quoted, to be ensured in presence of BHEL Executives, prior to dispatch from Supplier#s Works 10.0 Details of Quality System followed (Kindly furnish the salient</p>	NO	1.000	1.00	30.05.14

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
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aspects of the QA system followed)

11.0 Details on SERVICE-after-SALES Set-Up in India including the addresses of Agents/Service Centres in India and Asia

12.0 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 Optical Vacuum Spectrometer.

S. No. REQUIREMENTS VENDOR#s
COMMENTS

13.0 The BIDDER / VENDOR shall have a minimum of TWO Years of Continuous Experience in the Design, Manufacture of COMPUTED RADIOGRAPHY SYSTEMS. Indicate the actual experience.

14.0 The BIDDER / VENDOR shall have supplied at least one number of COMPUTED RADIOGRAPHY SYSTEM within the last five years. Indicate the number of equipment (of QUOTED MODEL) sold in India & Other Countries.

15.0 Reference List of Customers and Performance Certificate from CUSTOMERS (minimum ONE 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

16.0 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 Annexure mentioned, wherever applicable.

17.0 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.

18.0 The BIDDER / VENDOR shall assure a continuous support for SPARES

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and SERVICE for FIVE Years, from the date of commissioning of the equipment at BHEL Works.

19.0 The Technical Offer shall be supported by Product Catalogue and Data Sheets in ORIGINAL and complete technical details of #Boug ht-Out-Items# with copies of Product Catalogue and Selection Criteria

20.0 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.

21.0 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

Radiography of weldment in boiler components. Steel thickness Ranging from 4mm to 45 mm using Radiation Sources # 15 to 450kV X-Rays
S.No. PARTICULARS BHEL SPECIFICATIONS BIDDER#s OFFER

[withComplete Technical Details]

1.0. Description of the CR system Computed Radiography system consists of a Flexible Phosphor Imaging Plate (IP) which is the Radiography detector and CR scanner for scanning the IP with laser in order to obtain the digital Image, and an Acquisition and Review System with Computer and Software. The out put of the over all system shall be Digital Radioscopic Images meeting the sensitivity as well as other requirements, as outlined subsequently in this technical specification.

2.0. Area of Application Radiography of weldment in boiler components. Steel thickness Ranging from 4mm to 45 mm using Radiation Sources # 15 to 450kV X-Rays

3.0. Principle of Operation The Radiography based on Photo stimuable Luminescence (PSL) method. Imaging Plate is a Flexible Polymer support coated with sensitive layer, used in much the same way as X-Ray film and wrapped around the job for exposure to ionizing radiation (X-Ray / Gamma Ray) during Radiographic Testing. The latent invisible image is created by Photo Stimulated Luminescence process, when the IP is exposed to ionizing radiation .The conversion of latent image to digital image is obtained by scanning of IP by LASER

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Scanner, during which the release of electrons emit energy in the form of blue light that is detected by a Photo multiplier tube and then converted to a digital image.

A complete system consists of a Storage Phosphor Imaging Plate (IP),

A Corresponding read out unit (Scanner) and Software, which converts the information of IP into a digital image.

4.0. Radiographic Technique Single Wall Single Image and Double wall

Double Image techniques to obtain 2%

Penetrameter sensitivity.

5.0. System Configuration The minimum desired feature of the system has been enlisted below.

The system shall include-

- a) Storage Phosphor Imaging Plate (SPIP)
- b) Scanner(Read out unit)
- c) CR work station(Computer with necessary Software)
- d) Accessories and Consumables

5.1 Operating Parameters

Radiation Source:

Energy - X-Ray 15 to 450kV

Environmental condition: Temperature: Max 400

C, RH maximum 85%

Mains supply 100-250VAC, 50-60 Hz fuse 2A

5.2. Imaging Plate The following are the

specifications of the Imaging

Plate

1) Type of IP-Supplier to specify for the above applications.

2) IP Size-15 x 40 cm, Supplier to specify other standard sizes

available for weld applications

3) Pixel sizes - Shall be between 10 μ m to 150 μ m

4) Basic spatial Resolution- Maximum 60 μ m

4) Dynamic Range - 10 Gy to 1 Gy

5) Grain size- Shall be between 3 to 5 micron

6) Thickness-200 to 500 micron

5.3 Image Reader

(Laser Scanner) Scanner Details are listed

below:

a) Laser spot size-50 μ m or smaller

b) Laser type-Class EN60825.1 or Equivalent

b) Scanning pixel pitch-50 to 100 μ m

c) Bit depth-16

d) Weight-22kg or lesser

e) Dimensions-Preferably smaller than 46x71x52 cm

f)Noise Level-< (> < <)> 50dB(A)

Image Reader shall meet the functional

requirements:

1) Various Image processing protocols available for the respective

regions of the job

2) IP processing rate #Supplier to specify

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- 5.3.1 Scanner eraser Preferably built-in eraser.
Erasing Surface area-Supplier to specify
- 5.4 CR Work station The CR work station should perform the functions of-
Image Acquisition, Review, Archival and retrieval
System configuration (Computer, software and data interface cables)
and functional requirements
- a) Accept Images from CR reader without any loss of data
- b) Acquisition software -With graphical user interface. The software shall include a sequenced, graphical user interface to guide the operator through system initialization, calibration and validation, plus selection of each part.
- c) Review Software-For Image processing of the incoming raw data from the CR unit. It shall be compatible with NIMA DICOM3.0 standard and with ASTM DINCOCODE standard for image format and functionality. It shall have the facility to make the image automatically available in BMP, JPEG and TIFF image file format for use in standard applications.
- d) The system shall have sufficient disk space for temporary storage of atleast 1000 full frame digital radiographs
- e) Should include minimum 1280x1024 pixel & 0.25mm(maximum) pitch
antiglare flicker free TFT/LCD color monitor, keyboard and optical mouse
- f) Hard Drive-Over 2GHz Processor, with Industrial Rack mount chassis, min 1GB RAM, min 80GB hard disc capacity with suitable Additional Graphics Card, DVD/CD Reader/writer, 100Base T network interface with RJ-45 socket
- g) Display: preferably, Automatic Gray scaling (16 to 8 bit conversion)
for monitor display (supplier to specify)
- h) Image Processing functions:
The software should be capable of performing the following functions
- Noise reduction through integration.
 - Contrast enhancement
 - Edge enhancement
 - 16 bit filter capability, with different Kernel sizes.
 - Low pass filter, high Pass filter, median, crisping, pseudo 3D etc.
 - 8-bit type predefined filters for all type of image processing.
 - Automatic Window/Level setting
 - Manual #black-border# collimation
 - Sensitory mapping

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- Also to supply user with a Basic QC-Viewer for basic image correction
6 Dose Overload Supplier to specify
7 Performance Parameters of the CR system a)
Spatial system Resolution-
Steel Wall thickness(mm) Duplex wire IQI, number EN 462-5
4 to 12(with X-Ray source) 13TH wire pair to be resolved
12 to 50(with X Rays source) 11th wire pair to be resolved
Above 50(with X-Ray source) 9th wire pair to be resolved
10 to 40(With Ir-192 Isotope) 9th wire pair to be resolved
Above 40(With Ir-192 Isotope) 8th wire pair to be resolved
Above 50mm(Co-60 Isotope,and Linac) 6th wire pair to be resolved
b) Gain/amplification-Supplier to specify
c) Signal to Noise Ratio-(Should meet the requirements of ASTM E 2446-Supplier to specify
d) Speed- (CEN ISO speed Slpx of 200)-Supplier to specify
e) Laser Beam Jitter-No jitter should occur.
f) Scanner slippage-The slipping of the IP scanner transport system resulting in fluctuation of intensity of horizontal image lines should not occur-Supplier to specify
g) Image Fading-For long term applications the exposed image shall have an Intensity between 70%-90% of the maximum possible intensity of the CR reader at the lowest gain and under linearised condition.-Supplier to specify
h) Blooming-No blooming should occur through out the operation range of the Radiation source
The CR system shall meet the requirements of EN 14784-1 and ASTM E 2667, at a minimum exposure dose of 5.2 mGy And CEN,ISO speed of 200 at a pixel size of 20 µm.
8 Calibration Factory Calibration
9 Accessories BIDDERS to list down (with UNIT RATE) the various ACCESSORIES to be procured with the EQUIPMENT to enhance the Operating Efficiency and Features of the OFFERED EQUIPMENT, over and above those mentioned in the SPECIFICATIONS.
10 Scope of supply Following shall be supplied compulsorily with the Equipment:
a) Phosphor Imaging Plate as per specifications-15 x 40 cm-10 numbers,

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b) Laser scanner(Image Reader) system as per specifications
c)CR Work station(Computer &Image Acquisition and Review Software system)as per specifications
d) Contrast Sensitivity Quality indicator (As per ASTM E 1647,Stainless Steel with thickness 6.3 mm, having a contrast area for 1,2,3,4,% wall thickness contrast sensitivity). -1No
e) Duplex Wire Quality indicator(As per ASTM E2002) -1No
f)Converging Line pair Quality indicator(Consisting 5 converging line pair strips of Lead0.03mm thickness) -1No
g)Linearity Quality indicators-1No
h) Necessary Accessories and consumables
i) Necessary Standard / Certificates traceable to National / International Standards.
11 Consumables for Main Equipment& Accessories BIDDER has to list down the CONSUMABLES to be used in the Operation of the System and QUOTE with UNIT RATE for all the listed consumables, to be procured with the system
12 Spares for Main Equipment& Accessories BIDDER has to list down the SPARES (Printed Circuit Boards # PCBs, etc.) Coming under the Category of Mechanical, Electrical & Electronic Spares for the main system as well as for the essential and optional desirable Accessories. To be replaced with actual spares and accessories.
BIDDER to QUOTE with UNIT RATE for all the listed SPARES, to be procured with the equipment.
13 Inspection The over all system and accessories shall be offered for Inspection by BHEL Engineers for Performance Prove out.
14 Performance Prove-Out at BHEL The Supplier#s Service Engineer has to conduct demonstration of the following in accordance with ASME Boiler & Pressure vessel code section 5 Article 2,Appendix 2
Resolution of the CR system - shall be better than 3 line pair /mm.
3numbers of test reports for the above resolution verified with X-ray unit shall be submitted prior to BHEL dispatch.
Contrast sensitivity: Supplier to demonstrate 2% using steel wedge
Demonstration of IQI sensitivity placing ASTM Hole type IQI on Source side for single wall thickness

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15 Installation and commissioning The over all CR system and accessories is to be installed & commissioned at BHEL Works, FREE OF COST, by the Service Engineer of the SUPPLIER.

16 Documentation in ENGLISH Language 3 Copies (In English) 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.

17 Performance Guarantee The over all CR system and accessories are to be guaranteed for its performance for a minimum period of two years from the date of performance acceptance at BHEL Works.

18 Service and Spares Support Requirements Vendor shall ensure after the guarantee period, through trained service personnel in India for next 5 years as and when need arise. Spares to be made available with in 1 week.

19 Training on Operation & Maintenance Complete Training for BHEL Engineers is to be given on Operation & Maintenance of the OFFERED Training has to be provided at Suppliers works / at BHEL , after the successful commissioning of the Equipment & Accessories.

20 Annual Maintenance Contract - AMC The BIDDER has to QUOTE for AMC with detailed scope of work.

21 Safety and Quality Standards Supplier to ensure that Safety and Quality of Computed Radiography System shall conform to International Standards. Conformance certificate to be along with the equipment.

COMPUTED RADIOGRAPHY

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.

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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)

ENCLOSURE: ANNEXURE - III

we may GO FOR REVERSE AUCTION (ON LINE BIDDING) FOR THIS TENDER IF
REQUIRED

Enclosures:

"LD clause has to be confirmed without fail."

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

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COMMERCIAL TERMS& CONDITIONS

ANNEXURE-III (m)

Bharat Heavy Electricals Limited, Tiruchirapalli – 620 014, Tamilnadu, India

MM: CP & SP

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

Sl. No.	BHEL Commercial Terms and Conditions for Import/Foreign 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	The final destination of material is to be delivered to BHEL - STORES, Tiruchirapalli, Tamilnadu, India 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: BHEL Payment term is 100% payment on CAD basis after 45 days from the date of receipt of documents, specified in PO, at BHEL bank. Respective bank charges to respective account. 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. <ul style="list-style-type: none"> • In the case of Usance LCs the loading will be considered @ 1.5% on the offered Value. • For LC at sight the loading will be considered @ 3.5% on the offered Value. • Normally CAD at sight and Confirmed LCs are liable for rejection. 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	Payment terms for Indian agent: Indian Agency Commission, if any, shall be clearly specified as Inclusive / Extra in the offer and the same will be paid in Indian Rupees against acceptance of the materials.	
10	Part Shipment or Transshipment is not permissible	
11	In case of any short shipment in the main equipment / spares, where separate rates are not available in the contract, the customs duty levied on such supplies, shall be borne by the supplier / Indian agent.	
12	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.	
13	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.	

14	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>	
15	Equipment will be inspected and proved at vendor’s works prior to dispatch, if applicable as per tender condition. However final inspection and acceptance of equipment will be after installation at BHEL, Tiruchirapalli, Tamilnadu, India	
16	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.	
17	Any warranty replacement during warranty period shall be supplied free of charge on FOR BHEL, Tiruchirapalli, Tamilnadu, India basis.	
18	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		
19	Indicate Nearest airport & sea port	
20	Country of Origin	
21	Packing & Forwarding Charges, if any (in % only)	
22	Freight& transit insurance charges ,if any (in % only) 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	

- 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

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