



An ISO 9001
Company

Bharat Heavy Electricals Limited

(High Pressure Boiler Plant)

Tiruchirappalli – 620014, TAMIL NADU, INDIA

NDT LAB

TITLE RADIOGRAPHY TESTING CONTRACT	Phone: +91 431 2575237 Fax : +91 431 252 0710 Email : rjp@bheltry.co.in
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	Reference Number: Enquiry 24	Enquiry Date: 29.10.2011	Due date for submission of quotation: 19.11.2011
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You are requested to quote the Enquiry number date and due date in all your correspondences. This is only a request for quotation and not an order

CONTRACT FOR RADIOGRAPHY TESTING

BHEL commercial terms & conditions with Price Bid formats and all annexure can be downloaded from BHEL web site <http://www.bhel.com> or from the Government tender website <http://tenders.gov.in> (public sector units) Bharath Heavy Electricals Limited) under enquiry reference "XXXXXXXXX "

Tenders should reach us before 14:00 hours on the due date
Technical bid will be opened at 14:30 hours on the due date
Tenders would be opened in presence of the tenderers who have submitted their offers and who may like to be present.

Yours faithfully,
For **Bharath Heavy Electricals Limited**

AGM / NDTL,
BHEL, Tiruchirappalli-620014
Ph: 0431- 2575237, Fax: 0431- 2520710
Email: rjp@bheltry.co.in

PART A

QUALIFYING CRITERIA FOR Radiography Testing Contract at BHEL Trichy Complex.

Sl. No	PARTICULARS	CONTRACT OR's RESPONSE
1.0	Minimum Five years of experience in the Radiography testing of weldments in Boiler Components inclusive of Pipes, Headers, Tubes ,Pressure vessels Heat Exchangers, Valves, Advanced technology products components etc, manufactured at Boiler shops for Power Plant as per International Codes and Standards such as ASME Section I,III,VIII, V, etc.	
2.0	Contractor shall have registered their firm with BHEL and got approved; Copy of the same shall be enclosed.	
3.0	Contractor shall have the valid approval from Director of Boilers (Tamil Nadu) and Copy of the same to be enclosed.	
4.0	Contractor's must be willing to work anywhere in the manufacturing shops of BHEL/Trichy complex and agree to the condition that BHEL may split the contract and award part quantity to L1, L2 and L3 offerers and L1 will be given 50%of work & L2, L3 with 25% each. L1 rate will be counter offered to L2 & L3 offerers..	
5.0	<p><u>RESOURCES:</u></p> <p>5.1) Radiation sources: The contractor shall deploy only the remotely operated cameras with Iridium192 source approved by AERB/ Mumbai The contractor should have minimum Six (6) cameras..</p> <p>5.2) Certified Man power: The contractor shall deploy at least the following man power with valid certificate. (Copy of the same shall be enclosed). SIX (CR) Certified Radiographers, TWO (SIC) Site in charges, 1 (RSO) Radiation Safety officer. for the site.</p>	
6.0	Successful contractors will have to take up Radiography testing inside manufacturing shops of BHEL with in fifteen days (15) from the date of award of contract.	
7.0	Contractor shall have to ensure that his workmen are covered under PF, ESI and miscellaneous provisions act of 1952 and accordingly produce documents to BHEL management, The employee's contribution will be recovered by the contractor from the wages of his workmen and the contractor should make equal contribution	
8.0	BHEL reserves the right to verify the information provided by contractor. In case the information provided by contractor is found to be false/ incorrect, the offer shall be rejected	

AGM/NDT

PART B

TECHNICAL SPECIFICATIONS FOR RADIOGRAPHY TESTING CONTRACT AT BHEL TRICHY COMPLEX.

Sl. No.	PARTICULARS	Contractor's RESPONSE
1.0	Sealed Tender super scribing the tender number and due date is invited from established, reliable and experienced radiography firms for radiography of welds during manufacturing in boiler / Pressure Vessel components.	
2.0	Minimum Five years of experience in the Radiography testing of weldments in Boiler Components inclusive of Pipes, Headers, Tubes ,Pressure vessels Heat Exchangers, Valves, Advanced technology products components etc, manufactured at Boiler shops for Power Plant as per International Codes and Standards such as ASME Section I,III,VIII, V, etc.	
3.0	The radiography cameras deployed during the contract period must have been registered with AERB/ Mumbai in the name(s) of the contractor only.	
4.0	The contractor will be required to operate inside the Boiler Plant premises. Depending on the requirements, radiography shall be carried out either on the shop floor (Open Field radiography) or inside the approved radiographic Installations/enclosure. Open field radiography shall be carried out between 01.00 AM. and 6.00 AM when there is no occupancy The radiography will also have to be carried out on holidays and Sundays as per BHEL requirements	
5.0	All personnel directly or indirectly involved in the radiographic work should be covered by personnel monitoring service.	
6.0	Radiography shall be conducted by qualified and certified radiographers only. Radiographers shall be certified to minimum Level-I of SNT-TC-1A of ASNT or equivalent. Radiography shall be conducted in accordance with BHEL approved procedures which are in accordance with Article 2 of ASME Section V Section I, Section III, Section VIII and AWS in general. Wherever radiography has to be carried out with specific techniques, BHEL will provide the necessary procedures and guidance. Non-compliance to any of the clauses to the QCP / applicable standards and codes shall be cause for rejection of radiograph and the contractor will be required to re-radiograph at his own cost. Re-radiography shall be maintained below 5% as it will delay the completion of work. BHEL reserves the right to cancel the contract if the rejection and Re-radiography is more than 5% frequently.	
7.0	Radiography batches shall be deployed as per BHEL requirements However there shall be Field Radiography on regular basis between 1Am to 6 Am when there is no occupancy. The work is expected to run in 3 shifts or only in the night shift. Hence whenever radiography is carried out, one Site-in-Charge for every 3 cameras should be available for supervision and shall be answerable to BHEL for the performance, turn-out and safety aspects and other issues as and when arises.	

8.0	Radiation Safety Officer as designated by competent Authority should be available with the contractor to monitor the radiation safety aspects throughout the period of contract.	
9.0	The contractor is required to operate anywhere in the manufacturing shops of BHEL/ Trichy Complex.	
10.0	The contractor should make his own arrangement for transportation of equipment with accessories etc. to the place of works.	
11.0	<p>Working Hours: May be required to work in three shifts 6.00 Am to 14.00Pm , 14.00 Hours to 22.00, and 22.00hours 6.00Am hours (depending on necessity of work) and 1.00Am to 6.00Am regularly.</p> <p>Holidays and Sundays: When required the operators should work on holidays also.</p>	
12.0	Work distribution and deployment of Resources:	
12.1	<p>1) BHEL reserves the right to split the contract and award the work to more than one contractor. Contractors must be willing to work at any manufacturing shops in BHEL / Trichy Complex as per the requirements.</p> <p>2) The total quantum of work load will be shared between the awarded contractors with L1 50% of work,, L2 and L3 with 25 % work each.</p> <p>3) L2 & L3 will be counter offered with L1 rate</p>	
12.2	<p>The contractor should make available necessary radiography cameras and Accessories {Penetrameters, Lead screens, Cassettes Densitometers/ Density Strips etc) and Radiation Safety equipments for Area Monitoring (Survey meters) Personnel Monitoring equipments (TLD Badges ,Pocket Dosimeter,etc instruments at BHEL site and shall maintain them in proper working condition throughout the period of contract., Survey instruments should be calibrated and periodically recalibrated by a recognized institution.</p> <p>The contractor should indicate the availability of the equipments to be deployed for his work at BHEL when quoting for tender</p>	

<p>12.3</p>	<p><u>L1 Contractor (with 50% work load):</u> Must deploy minimum Six Remotely Operated cameras with Iridium192source.Out of which three cameras should be of strength 25 - 50 Ci and three cameras in the range of 10-30 Ci. at any point of time . However the radiation source shall be replenished before it reaches 10.0 Ci. Strength. The man power must include Six certified radiographer (one for each camera) and Two site in charge , with one radiation safety officer.</p> <p><u>L2 and L3 Contractors (with 25% work load each):</u> Must deploy minimum four Remotely Operated cameras with Iridium192 source out of which two cameras should be of strength 25 - 50 Ci. And two cameras in the range of 10-30 Ci. at any point of time . However the radiation source shall be replenished before it reaches 10.0 Ci. Strength. L2 and L3 contractor must deploy the man power that includes Four certified radiographer (one for each camera) and one site in charge, with one radiation safety officer.</p> <p>The contractor should be able to augment the additional cameras / man power as and when work warrants. It is the responsibility of the contractor to have sufficient number of sources / cameras so that the cameras will be available at BHEL works at any point time during the contract period.</p>	
<p>12.4</p>	<p>Industrial Radiography Films , Accessories for Testing:</p> <ol style="list-style-type: none"> 1) The contractor shall use only the BHEL approved films and processing chemicals, which shall be stored in the appropriate conditions, proper storage of the film shall be the contractor's responsibility. 2) Lead intensifying screens and other accessories shall be used in accordance with BHEL procedures. Periodic replacement of screens and cassettes should be ensured. 	

<p>13.0</p>	<p><u>SCOPE OF WORK BY NDT SUB CONTRACTORS DEPLOYED AT BHEL TRICHY COMPLEX:</u></p> <p>1) Radiography of welds shall be carried out as per approved BHEL procedures prepared accordance with National / International Codes / Standards and customer Specification.</p> <p>2) The contractor shall complete the radiography works without any back log, meeting the Quality requirements. The contractor shall submit the processed radiographs for evaluation at NDT work centre's by 8.00 Am every day positively. The radiographs shall accompany all the exposure parameters.</p> <p>3) Contractor shall ensure all Safety precautions in accordance with AERB Regulations,.</p> <p>4) The Preparation of computer reports using Contractor manpower with BHEL SAP system at various work centre's as per BHEL requirements .</p> <p>5) Punching and paint marking of the radiographic reference numbers, segment numbers etc., on the jobs.</p> <p>6) Marking the defective region on the weld after evaluation of radiographs using the tracings with appropriate colour paint on the respective job.</p> <p>7) Submission of radiation safety reports (including shield integrity of camera, deployed cameras, area& personnel monitoring etc) by 1st of every month.</p>	
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14.0	Technical & personnel Requirements:						
	1.0 Name of the firm:						
	2.0 Address:						
	3.0 Financial Status of the firm: (Balance sheets details of the last 3 years to be furnished)						
	4.0 Details of Technical personnel employed:						
	4.1 Name of the Radiation Safety Officer						
	4.2 Particulars of Site In-charges.						
	1	2	3	4	5	6	7
	Names of Site-in charge	Educational Qualification	Details of BARC course attended	Total Experience	Date of certification	Validity of certificate	TLD Badges NO.
	Particulars of Certified Radiographers						
	1	2	3	4	5	6	7
	Names of Radiographer	Educational Qualification	Details of BARC course attended	Total Experience	Date of certification	Validity of certificate	TLD Badge NO>
	5.0 Details of similar work carried out by the firm during the last 5 years (Documentary support to be provided)						
	1	2	3				
	Name of Organisation	Details of work carried-out		Value of Contract			
	6.0 Details of radiographic and Safety Equipment available with the firm.						
1	2	3	4				
Radiographic Facility	Model	Quantity available for use		Remarks			
Isotope Cameras							
Equipments:							
Survey meters							
Pocket Dosimeters.							
Others							
7.0 Organisation chart:							
Place:							
Date: Signature with Designation							



An ISO 9001 Company

Bharat Heavy Electricals Limited
(High Pressure Boiler Plant)
Tiruchirappalli-620014, Tamil Nadu, India
Non Destructive Testing Lab

GENERAL GUIDELINES & INSTRUCTIONS TO BIDDERS FOR SUBMITTING OFFER

Vendors are requested to read the following points / guidelines / instructions and ensure that the offer is prepared and submitted strictly as per the requirements. Offers with insufficient details would not be considered for evaluation. The following points / guidelines / instructions are part and parcel of the tender and non-compliance will result in rejection of offer.

1.0 QUOTATIONS for Radiography Testing contract.

Considering the nature of contract which requires a good amount of technical details, etc., to be submitted along with the offer as well as the confidentiality required to be maintained during the offer evaluation process, bidders are requested to submit their offers only through sealed bids. As the part II (the price bid) would not be opened before the technical evaluation is completed, bidders are requested not to submit their bids through email / fax etc.

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 Un-priced commercial bid**", indicating Enquiry No., Radiography Testing of Welds , Due Date, 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., Radiography Testing of Welds, Due Date, Address & Reference of the Bidder

Both the envelopes (Part I & II) shall be put in one cover, duly sealed, super scribing as Part I and Part II indicating Enquiry No., Radiography Testing of Welds & Materials, Due Date, Address & Reference of the Bidder.

The above tender (envelope containing Part I & II) should reach this office on or before the due date by 10.00 Hrs (IST). Tenders received after 10.00 Hrs (IST) will not be considered for evaluation.

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

**AGM / NDT
Building No-1,
BHARAT HEAVY ELECTRICALS LIMITED
HIGH PRESSURE BOILER PLANT
TIRUCHIRAPALLI – 620 014
TAMIL NADU, INDIA**

Tenders should be free from **CORRECTION AND ERASURES**, Corrections if any, must be attested. All amounts 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.

Tenders should be in **ENGLISH** and accompanied by detailed technical literature, catalogue and detailed dimensional drawings in **ENGLISH** or otherwise, the tenders will not be considered for evaluation.

If the past performance of a vendor in any of the previous Purchase orders/contracts/in any projects, of BHEL Units, and NON-BHEL, is not satisfactory BHEL then reserves the full right to reject such offers of those vendors straightaway irrespective of their suitability and will not be considered for further processing of the tender.

2.0	PART I (TECHNICAL & UN-PRICED COMMERCIAL BID)
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2.1	Technical
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This part shall include / indicate the following:

2.1.1	Tenders should contain complete scope of supply with all technical details, specifications and other commercial terms and conditions.
2.1.2	Point by point confirmation for the Technical Specification enclosed is to be provided. If there are any deviations, the same should be clearly specified. Tenders received without confirmation to our specification will be rejected.
2.1.3	The contract is for a period of two (2) years. Approximate quantum of Radiography Testing work per annum will be as per "Annexure A". There may be a variation in the estimated value of contract depending upon the production plan variation that may arise then and there. BHEL does not guarantee for the quantum of work.
2.1.4	Firms have to ensure that his workmen are covered under PF, ESI and miscellaneous provisions act of 1952 and accordingly produce documents to BHEL management, the registration/ Enrolment number before awarding of contract work. As per the provisions, every employee employed in or in connection with the work of Factory or other establishment who has not become a member already shall also be entitled and required to become a member of the fund from the date he is employed by the contractor. The employee's contribution is as notified by the PF Authority from time-to-time. The employee's contribution will be recovered by the contractor from the wages of his workmen and the contractor should make equal contribution.

2.2	Un-Priced Commercial
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This part shall include / indicate the following:

2.2.1	The testing rates should be quoted as detailed in Scope of work.
2.2.2	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 written in words shall be valid and binding
2.2.3	The contractors are requested to offer 'QUOTATION' enclosing a crossed demand draft in favour of BHARAT HEAVY ELECTRICALS LIMITED for Rs.40,000/- (Rupees Forty Thousand only) towards Earnest Money deposit.

3.0	OPENING OF TENDERS
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The Part I - Technical & Un-priced commercial bid alone would be opened on the Tender opening date.

The Part II – The Part I would be evaluated and bidders qualifying alone will be considered for further processing. BHEL would proceed with Reverse Auction route or Price Bid opening route for finalizing the tender, which would be intimated to the qualified bidders after completion of the techno-commercial evaluation.

BHEL reserves the right to go for a Reverse Auction (RA) instead of Opening the Price Bid submitted, which will be decided after the techno-commercial evaluation. Information and general terms and conditions governing RA are given below.

GENERAL TERMS AND CONDITIONS OF RA

- Against this enquiry for the subject item/system with detailed scope of supply as per enquiry specifications, BHEL may resort to “REVERSE AUCTION PROCEDURE” i.e., ON LINE BIDDING ON INTERNET.
- For the proposed RA, technically and commercially acceptable bidders only shall be eligible to participate.
- In case of RA, BHEL will engage the services of a service provider for conduct of the RA who will provide all necessary training and assistance to the bidders before commencement of on line bidding on internet.
- Business rules governing the RA will be communicated to the bidders through service provider for compliance.
- Vendors have to fax the Compliance form in the prescribed format (provided by Service provider) before start of RA. Without the compliance, the vendor will not be eligible to participate in the event.
- **BHEL will provide a sample calculation sheet (in EXCEL format) which would help the bidders to arrive at “Net Cash outflow to BHEL” considering various price / cost elements like Packing & forwarding charges, Taxes and Duties, Freight charges, Insurance, Service Tax for Services and loading factors (for non-compliance to BHEL standard Commercial terms & conditions) etc. for each of the bidders to enable them to arrive at “Net Cash outflow to BHEL” which is the amount the bidder would be bidding during the RA.**
- RA will be conducted on scheduled date & time and at the end of event, the lowest bidder value will be known on the network.
- The lowest bidder has to Fax the duly signed “Price Break-up” in prescribed format as provided on case-to-case basis to BHEL through Service provider within 24 hours of Auction without fail.
- 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 further business with BHEL, as per the prevailing procedure.

- BHEL reserves the right to negotiate if need be, with the “L1” vendor of the Reverse Auction

4.0	GENERAL
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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.

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.

The correspondence exchanged against the tender between the bidder and BHEL through email are considered as valid document legally though it is not signed. It is treated as valid confirmations made on behalf of the respective company and very much comes under the legal ambit of the business transaction and hence it is binding on both the parties to the business.

Any transaction / communication pertaining to the tender carried out by the bidder and BHEL round the clock irrespective of the office or business hours of the companies, are valid legally and binding on both the parties. This applies to the extent only in such cases where deadline time for transaction is not specifically declared by either or both the parties to the business.

In case Letter of Intent (LoI) is issued through email, the computer generated time and date of mail shall be construed as the official time and date of release of LoI. In as much as this date is within the last date of validity given by the bidder the LoI is said to have been issued within the validity period and shall be binding on both the parties to the business.

Bidders participating in the tender should declare in their technical bid that whether they have been black-listed / kept on hold for a specified period / given Business holiday for a specified period by any Public sector undertaking or Government departments. The reasons for such action with details and the current status of such hold shall be clearly furnished to BHEL. If no such details are mentioned in the offer then it will be construed that the subject bidder is not under any such hold. But at a later date if it comes to the notice of BHEL about any such hold under enforcement on the subject bidder, BHEL will have every right to reject the offer of such vendors at any point of time and also under any stage of the finalisation of the subject tender irrespective of the status of the subject bidder in that tender. Such bidders will not be permitted to participate in the further tender proceedings and will be communicated suitably. They will not be also considered for any ongoing enquiries even if participated till the hold is officially lifted and confirmed in writing.

BHARAT HEAVY ELECTRICALS LIMITED TIRUCHIRAPALLI NDT LAB

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 or if the vendor does not confirm acceptance to the terms and conditions proposed, BHEL reserves the right to reject such offer)

CHECK-LIST

Description:	RADIOGRAPHY TESTING CONTRACT	
BHEL Tender No. & Date:	ENQUIRY NO. 24	DT 07-09-2011

SI No	Description
1	<p>Price Bid: Price Bid should contain the schedule of price particulars and to be co-related to the technical details provided in Part B. Techno-commercial bid alone without the Price Bid will be rejected. The prices contracted shall be firm till the execution of the contract in full and in all respects.</p> <p>Vendor's confirmation:</p>
2	<p>Validity:</p> <p>a) <u>Validity of Contract:</u> The contract will be valid for a period of two year from the date of award of contract with the same rates, terms & conditions. depending up on the fulfillment of BHEL requirements</p> <p>b) <u>Validity of the offer</u> Offer should be 60 days from the date of tender opening. Please mention the validity period in the confirmation below.</p> <p><u>BHEL reserves the right not to consider offers from vendors with validity less than 60 days from the date of tender opening.</u></p> <p>Vendor's confirmation:</p>
3	<p><u>EMD:</u> The contractors are requested to offer 'QUOTATION' enclosing a crossed demand draft in favour of BHARAT HEAVY ELECTRICALS LIMITED for Rs 2,00,000 /- (Rupees Two lakhs only) towards Earnest Money deposit.</p> <p>Note: Without EMD the offer will not be considered for evaluation.</p> <p>Vendor's confirmation: Accepted to BHEL's above terms.</p>

4	<p><u>SECURITY DEPOSIT:</u> Successful Contractor will have to provide a Security Deposit as per specified norms for the contract value. a) EMD of the successful contractor shall be converted and adjusted against the security deposit. b) The security deposit shall not carry any interest.</p>
5	<p><u>Vendor's confirmation:</u> <u>Submission of bills at NDT and terms of Payment:</u> The contractor will submit bills in sufficient copies for the certified quantum of RT test carried out. BHEL -NDTL Executive will be the certifying authority. Payment will be made in 30 – 45 days time.</p>
6	<p><u>Vendor's confirmation:</u> <u>Termination / Cancellation of Contract</u> BHEL reserves the right to terminate the contract for any of the following reasons.</p> <ol style="list-style-type: none"> 1. Non-satisfactory workmanship. 2. Any false statement given in the tender. 3. Not attending the work when required. 4. Non availability / Irregular in work
7	<p><u>Vendor's confirmation:</u> <u>Reverse Auction (RA):</u> BHEL reserves their 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 have been given in the 'General guidelines & instructions to bidders' enclosed as a part of NIT. Vendors are requested to confirm their acceptance for BHEL proceeding with RA route for finalization of the enquiry. <u>BHEL reserves the right not to consider offers from vendors not accepting to the RA process for finalization of the enquiry.</u></p>
	<p><u>Vendor's confirmation:</u> <i>We confirm participation in the RA process.</i></p>
	<p>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.</p>
8	<p><u>Vendor's confirmation:</u> <u>Contacts:</u> Details of contact person's name, designation, department with complete postal and email address along with phone and fax numbers to be mentioned</p>
	<p>Name: Designation: Email ID: Phone No.: Fax No.: Address:</p>

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

(AFFIX OFFICIAL SEAL HERE)

M/s

Signature with date:

Name:

Designation:

Department:

(PLEASE AFFIX YOUR SIGNATURE WITH SEAL ON EACH PAGE)

ANNEXURE - A

Open Tender No.

Radiography Testing (RT) of weldments in Boiler Components inclusive of Pipes, Headers, Tubes ,Pressure vessels, Heat Exchangers, Valves, Advanced Technology Products, etc,

This is an Excel Template to be used by the bidder to bid during reverse auction

Name of the Supplier :

As per offer Ref:

Sl No	Item Description	Unit of Measurement	Estimated work load for Two years	Rate / Sq. Cm	Total Price (Rs)
1	Approximate quantum of radiography work in Boiler Components inclusive of Pipes, Headers, Tubes, Pressure vessels Heat Exchangers, Valves etc, manufactured at Boiler shops in BHEL Trichy Complex required to operate inside BHEL premises spread over a period of twenty four months..	Sq cm	110808000		
2	Applicable Service tax .				

Cell No shaded in yellow alone need be filled by the bidder.

Bidder has to quote the total cost for item mentioned during Reverse auction.

Note: For Tender Sl. Nos. 1 to 10, Service Tax with cess @10.30% will be applicable extra

AGM/NDT