

BHARAT HEAVY ELECTRICALS LIMITED, BHOPAL
QUALITY CONTROL – QND DIVISION

NOTICE INVITING TENDER

ENQUIRY NO. :- QND/RT/WC/2019/ENQ/01

QND division, BHEL, Bhopal invites tender for **Rate Contract for Radiography Testing** on **two part bid basis** (Part I-Techno-Commercial Bid & Part II- Price Bid) from experienced and financially sound parties, fulfilling the qualifying criteria, for the following work :-

1 . SCOPE OF WORK :-

- 1.1 Radiography Testing of approx. **54000 inches** of “exposed and technically acceptable radiography film lengths” to be carried out by contractor inside BHEL, BHOPAL premises.
- 1.2 RT shall be carried out by the contractor with its own source(Ir-192 with adequate strength(min. 15 curie anytime) or X-ray Machine (as applicable).
- 1.3 **Work shall be offered as and when required in the shop.** Tentative intimation shall be given **01 day** in advance and final confirmation shall be given when the job will be ready for testing. The contractor to depute testing personnel within **24 hrs.** of the final confirmation.
- 1.4 RT shall be carried out in 1st, 2nd & 3rd shifts as per the shop requirement. Minimum 02 skilled/semiskilled persons shall be deputed on each shift.
Contractor must be able to deploy manpower to cover all the three shifts as & when required.
- 1.5 **Contractor to carryout radiography, development of radiography films, interpretation of radiographs, marking of defects, preparation of reports & clearance from BHEL NDT personnel.**

2 QUALIFYING CRITERIA:- - The bidders should fulfill following qualifying criteria:

- 2.1 Contractor should meet all the following statutory requirements:-
 - a) PF & ESI registration certificate,
 - b) I/Tax return, audited balance sheet, Profit-Loss statement for last 3 financial years ending on 31st March 2018 & PAN no..
 - c) GST registration
- 2.2 Contractor shall have BARC certified radiographers and RT Level- II qualified person.
- 2.3 Contractor should have a license issued by A.E.R.B. to operate radiography device.

- 2.4
- Experience of having successfully completed similar works during last 7 years ending 31.03.2019 should be either of the following: -
 - A. One similar completed works costing not less than the amount equal to Rs. **10.61** lakhs /-
Or
 - B. Two similar completed works costing not less than Rs. **6.68** lakhs each /-.
Or
 - C. Three similar completed works costing not less than Rs. **5.34** lakhs each /-.
 - Minimum average annual financial turnover of Rs. 4.0 lakhs during last 03 financial years ending 31st March 2018.

“Similar works” means **“Radiography Testing”** work in an organization.

The bidding firms shall submit the works order copies & its completion certificates to prove the desired experience. The works completion certificate for previous work execution in BHEL should be submitted as per the prescribed format in **Annexure – I** duly approved by an executive not below the rank of DGM. In case of similar works executed in the private sector, TDS certificate regarding the fulfillment of work order has to be submitted along with the work completion certificate. Apart from these, the bidder has to submit all the documents mentioned in **sub clause 15(A)** of the NIT to qualify in the technical bid. Only the firms meeting the above requirements shall be qualified technically for further processing of tender i.e. the price bid will be opened for technically qualified parties only.

3 **WORK COMMENCEMENT:** - From date of issue of work order.

4 **CONTRACT PERIOD:** -

[A] The Rate Contract period will be valid up to completion of 54000 inches of exposed radiography film length or will be valid for a period of 02 (Two) years from the date of issue of work order, whichever is earlier.

[B] If required, the contract can be extended up to 3 months after completion of above mentioned “A” of contract period. Extension will be given on the same Terms & Conditions as mentioned in existing work order. Decision for extension of the contract will be sole authority of BHEL.

5 **BHEL WILL PROVIDE:** -

BHEL will provide - Pit room for safe storage of IGRED and X-ray Machine, Occupancy free area, Dark room for film loading & film processing, viewer, and densitometer.

6 **CONTRACTOR TO PROVIDE :-**

6.1 Contractor to provide minimum 02 skilled/semiskilled persons (BARC certified radiographers, and RT Level-II) on each shift for carrying out radiography testing, interpretation of films, marking of defects & preparation of reports.

6.2 The contractor to provide RT source [Ir-192 (min. 15 Curie anytime)] or X-ray machine (as applicable)], film processing units & consumables like radiography films & chemicals for film processing, PVC cassettes & lead screens, IQI and other required accessories including personal safety instruments like radiation survey meter, dosimeter, film badges etc.

7 WORKING TIME AND RESPONSE TIME :-

- 7.1 Radiography work to be carried out in all the 3 shifts as and when required in the shop or as per the availability of job to be radiographed.
- 7.2 Shops may work on Sundays and holidays. If necessary, contractor will have to deploy manpower on such occasions.
- 7.3 The contractor shall deploy manpower **on requirement basis**. Tentative intimation shall be given **01 day** in advance and final confirmation shall be given when the job will be ready for testing. Contractor to depute personnel to start radiography activity within **24 hrs.** of the final confirmation. It shall be ensured that there is no delay in deputing manpower for the requisite job. **In absence of workload, manpower need not be called/deployed.**
- 7.4 Daily work planning and co-ordination with BHEL for execution shall be done by contractor's nominated representative/in-charge in consultation with NDT in charge of BHEL.

8 CODE OF CONDUCT & DISCIPLINE :-

- 8.1 Radiography work shall be carried out by the contractor according to the guidelines / statutory regulations of AERB.
- 8.2 Contractor shall ensure their staff to take due safety precautions. BHEL will not be responsible for any accident and consequential damages to the individual / agency.

9 QUANTITY OF WORK & IT'S MEASUREMENT:-

- 9.1 RT of approx.. **54000 inches** of "exposed and technically acceptable radiography film lengths" to be carried out by contractor inside BHEL, BHOPAL premises.
- 9.2 "Technically acceptable radiography films" means
- [a] Radiographs should be free of any film artifacts arises may be due to light leakage or during handling of radiographs or during processing/developing of the radiograph etc.
- and
- [b] Radiographs film density should be within the limit as specified in the procedure.
- 9.3 While calculating the length of the technically acceptable radiography films, the width of the film will be arbitrary chosen as 3 inch.
- 9.4 If a configuration of the job/items requires choosing of radiography film having width of more than 3 inches. In that case, calculation of the final length of film will be done by multiplying the actual length of film used and the factor of "width of the actual film in inches to the width of arbitrary chosen film i.e. 3 inches."
- 9.5 Length of only "Technically acceptable radiography films" will be considered qualified and will be counted for billing process.
- 9.6 Any reshoot taken because of fault/error made by the radiographer while testing will not be considered for billing purpose.

10 TERMS OF PAYMENT :-

10.1 CONTRACT VALUE & PERIOD - METHOD OF INVOICING AND THE TERMS OF PAYMENT

- The total contract value shall be (Rs._____ only) for RT of 54000 inches of exposed radiography film length (technically acceptable) during the period of 2 years from the date of issue of work order. GST will be paid extra. RT agency is to show GST separately in their invoice and shall inform the registration number for refund of GST paid.
- 10.2 Invoice shall be raised by contractor for every month.
- 10.3 Ninety Percent (90%) of BHEL accepted exposed radiography film length (or 90% of monthly bill) for each month shall be paid.
- 10.4 Balance 10% of every month bill shall be paid after 2 months of the last bill.
- 10.5 No payment shall be made for technically faulty / reshoots / BHEL's un-accepted radiographs.
- 10.6 Bills will be verified by QND Department on the basis of work performance and length of exposed radiographs. Bills will be verified by an executive, assigned by the HOD of QND Div. The verifying official shall see that all the radiographs are accepted by BHEL as well as Customer/TPIA if applicable.
- 10.7 Payment shall be made normally within 60 days of bill verification.

11 TAXES & DUTIES (GST) :-

- 11.1.1 HSN Code/SAC, rate of tax under GST and applicable GST (IGST, CGST/SGST/UTGST) and GSTIN shall be clearly mentioned by the Bidder.
- 11.1.2 GST portion of the invoice shall be released only upon-
- All invoices raised by contractors/vendors must be GST compliant Tax invoices as per GST invoice rules.
 - Contractor declaring such invoice in his GSTR-1 or any modified return as notified by government
 - Receipt of goods/services and Tax Invoice by BHEL and
 - Confirmation of payment of GST thereon by contractor on GSTN portal
 - Alternatively, Contractor has to submit BG of appropriate value which shall be valid at least one month after the confirmation of date of payment of GST by contractor on GSTN portal and receipt of Tax invoice and receipt of services, whichever is later. Contractor has to give an undertaking in this regard.
 - Contractor has to give an undertaking to BHEL that they have declared invoice in his return and paying GST within timeline prescribed for availing ITC by BHEL.

Payment to Contractor for GST portion will be released only after completion of above activity and on availment of ITC by BHEL.

11.1.3 In case GST credit is delayed/denied to BHEL due to non/delayed receipt of services/goods and /or tax invoice or expiry of the timeline prescribed in GST Law for availing such ITC, or any other reasons not attributable to BHEL, GST amount shall be recoverable from the contractor along with interest levied/ leviable on BHEL.

11.1.4 Reverse Charge under GST :-

- a. In respect of services, reverse charge liability shall arise at the earliest of date of payment to service provider or 60 days from the date of issue of invoice by service provider. Contractor has to submit bill for payment within 30days from the date of invoice. Any interest or penalty implications attributable to the contractor shall be recovered from them.
- b. Any GST liability arising on BHEL under reverse charge before actual receipt of goods and/or invoice thereof would be subject to recovery of interest leviable for the period between the date of such liability and actual date of eligibility of ITC based on receipt of goods, receipt of invoices and other condition specified in GST Law.

11.1.5 Liquidated Damage/Penalty :-

Liquidated damage (LD) or Penalty if chargeable from suppliers/contractors as per NIT, applicable GST will be charged in addition to the same.

11.1.6 **Tax Deduction at source :-**

TDS as per extent provisions of the GST Law shall be deducted from supplier/contractor bill.

12 LD/PENALTY :-

BHEL reserves the right to impose penalty on the contractor under following condition :

If deployment of radiographers are delayed by more than 1 working day after receiving final confirmation from BHEL's representative for offer of jobs for radiography testing , penalty @ 0.25 % (per delay) **of the total contract value shall be deducted from respective monthly bill subject to a maximum of 5 % of total contract value.**

13 TENDER COST :- Rs 500/- plus GST (The tender cost is to be deposited only by means of electronic fund transfer mode only through following link as mentioned below: <https://www.bhelbpl.co.in/qcins/iccs.htm> . (For detailed procedure, please refer **clause 14**).

The tender fee should be deposited along with technical bid.

14 EARNEST MONEY DEPOSIT:-

14.1 Earnest money deposit of **Rs. 26,720/-** (Rs. – Twenty six thousand seven hundred twenty only). EMD deposition will be accepted via electronic Mode, which can be deposited on line through following link as mentioned below: <https://www.bhelbpl.co.in/qcins/iccs.htm> or one time EMD of Rs 5.0 Lakhs/- should accompany the techno-commercial offer.

1. After reading the instruction for depositing the amount; EMD & Tender Fee amount shall be deposited. EMD and Tender Fee may please be deposit together under EMD module where the EMD & Tender Fee both are applicable
2. After the successful payment DU No shall be generated from the banking system
3. After depositing the amount, Depositor has to fill Deposit slip available on Internet (www.bhelbpl.co.in under caption new link) by selecting required Enquiry number. Tender Fee and EMD may please be enter separately
4. As and when credit received in BHEL account, automatic mail sent to the depositor.

Note: - After submitting the Deposit Slip a control number will be generated through system, which can be used for getting print out from the system

EMD can also be accepted in the form of Fixed Deposit Receipt (FDR in the name of contractor, a/c BHEL) issued by Scheduled banks/Public Financial Institutions as defined in the Companies Act.

Offer without a proper EMD will be rejected.

14.2 EMD of the successful tenderer can be converted and adjusted against the security deposit.

14.3 EMD given by all unsuccessful tenderers shall be refunded after acceptance of work order by the successful tenderer.

14.4 EMD shall not carry any interest.

14.5 EMD by the Tenderer will be forfeited as per NIT conditions, if:

i) After opening the tender and within the offer validity period, the tenderer revokes his tender or makes any modification in his tender which is not acceptable to BHEL.

ii) The Contractor fails to deposit the required Security deposit or commence the work within the period as per LOI/ Contract.

15 QUOTATIONS: -Firms are required to submit quotation as per **Two part bid system.**

A The **Part-I** Technical bid in a sealed envelope shall contain the followings only:-

- Fresh EMD/one time EMD and tender fee of required amount.
- Copy of ESI & PF registration certificates.
- Copy of income tax return, audited balance sheet & Profit-Loss Statement of your company for last 3 financial years ending on 31st March 2018.
- Copy of license issued by A.E.R.B. to your company for handling & operation of radiography devices.

- A list of RT works successfully executed by your company as per clause no. 2.4 of this NIT.
- A List of experienced workers/radiographers with their qualifying certificates issued by BARC.
- GST registration certificate.
- A list of number of Ir-192 radiography devices (type approved by A.E.R.B.) and number of X-ray Machines available with your company.
- Documents to prove type of ownership such as private/ partnership deed/ proprietorship /articles of memorandum of association/ JV agreement/ certificate of incorporation/ certificate of registration, etc. whichever is applicable.
- An attested copy of the Power of Attorney, in case an individual other than the sole Proprietor signs the tender.
- Signed & stamped copy of each page of **NIT, Annexure – I, Special Terms & Conditions - Annexure ‘A’, General Terms & Condition –Annexure –‘C’,** etc.
- Check list and schedule of general particulars as per format attached **Annexure-‘D’.**
- Declaration sheet—**Annexure ‘E’.**

B The **Part-II** shall contain only **Price bid Annexure ‘B’** in a separate sealed envelope. Price bid will be opened for only those firms which are found to be Technically competent in Part-I (Technical bid).

- 16**
- **Last date of Bid Submission: - 12.07.2019 (before 11:00 AM)**
 - **Date of Techno-commercial Bid Opening: - 12.07.2019 (At 02:00 PM onwards)**

17 **Venue for bids submission/opening :-**

Tender Room, Administrative Building, Ground Floor,
BHEL, BHOPAL- 462022

Note:-

- (1) The envelope should be dropped in the **tender box** in the tender room. Tender received after 11:00 AM will be treated as late tender on due date.
- (2) The representative of the firm must bring their authority letter to witness the tender opening from 2: 00 PM onwards.

V.K.DONGRE
AGM (QND)