

**GOVERNMENT OF INDIA
BHABHA ATOMIC RESEARCH CENTRE
NUCLEAR RECYCLE BOARD**

NOTICE INVITING TENDER

TENDER No: BARC/NRB/INRP/ESC-VI

Tenders in **two-parts** in the prescribed form are hereby invited on behalf of the President of India by Chief Executive, Nuclear Recycle Board, Bhabha Atomic Research Centre (BARC), from experienced engineering services consultancy firms, who meet the specified qualification requirements, as mentioned below to undertake the consultancy work.

- (i) Name of Assignment : Engineering services consultancy for piping and related works of various blocks for Project INRP as per tender document.
- (ii) Estimated cost of consultancy : Rs. 10 crores
- (iii) Time of completion of Assignment : 18 (eighteen) calendar months
- (iv) Earnest Money Deposit (EMD) : Rs. 20 lakhs (Rs. Twenty lakhs only) be submitted in the form of Demand Draft / Pay order / or Banker's Cheque of a Scheduled Bank in favour of "Pay and Accounts Officer, NRB"/Fixed Deposit Receipt issued by scheduled bank . A part of EMD is acceptable in the form of Bank Guarantee also. In such cases, 50 % of the earnest money or Rs. 20 lakhs whichever is less, will have to be deposited as above and balance can be accepted in form of Bank Guarantee issued by a scheduled bank. The bank Guarantee Submitted as a part of EMD shall be valid for a period of six months or more from the date of submission of the tender.
- (v) Cost of Tender Document : Rs. 1500/- (Rs. One thousand and Five Hundred only) (Non-refundable)(to be paid by Demand Draft or Banker's Cheque of a Scheduled / nationalised Bank in favour of "Pay and Accounts Officer, NRB")

Pre-qualification Requirements:

A) Organisation:

Tenderer should ensure that he qualifies for all the items of the Assignment either on his own or through his affiliate company. Joint Ventures/Consortia are not allowed. Offers that seek to be qualified for only some of the items of the Assignment will be summarily rejected. Organisational set up shall be provided. Only Indian firms are allowed to participate.

B) Experience and resources:

- a) The firm shall have capability to execute the following:
- (i) Design and detailed engineering of chemical/utility piping systems.

- (ii) The firm should have carried out process piping design, piping stress analysis & support qualification, firefighting system design, electrical system design, ventilation system design for chemical/utility plants such as petroleum refineries, nuclear power plants, thermal power plants, chemical/petrochemical plants etc.
 - (iii) The firm should have experience in carrying out 3D piping for chemical plants such as petroleum refineries, fertilizer, nuclear etc preferably in SSPIPE/CADMATIC/PDMS/PDS software and also extraction of deliverables from 3D model.
 - b) The firm should have a well-established Quality Management System in position and it should preferably have an appropriate Bureau of Indian Standards (BIS)/Indian Standards Organisation (ISO) certification(s).
 - c) The firm should have qualified and trained personnel to carry out process piping, structural, supports and piping analysis and firefighting works included in this tender. The bidder shall submit list of technical staff along with organization structure, qualifications and years of experience.
 - d) The firm should have adequate engineering and project management tools, work stations, suitable software etc. The list of available software for analysis and design works for piping shall be submitted. The preferable software shall be SSPIPE.
- C) Financial capability:
- a) Should have satisfactorily completed three similar assignments (at least one of these should be in Central Government/Central Autonomous Bodies/Central PSUs), each costing not less than Rs. 4 crores; or two similar assignments each costing not less than Rs. 5 crores; or one similar assignment costing not less than Rs.8 crores, during last seven years ending March 2018 (cost of assignment will be updated @ of 10 % for each complete year). In case of on-going works, value of completed portion of work can be considered. Bidder should have carried out qualifying works by themselves & not through any other form of joint venture/consortium/partnership and subsidiaries/associate companies of the group bidder belongs to.
Similar assignments shall mean type of work as specified in para B. As built jobs of plant engineering or its conversion to 3D modelling is not considered as similar assignments.
 - b) Should have average annual turnover not less than Rs. 3 crores on account of engineering consultancy services contracts during the last three years ending March 2018. Should not have incurred loss in more than two years during the last five years and financial net worth of the tenderer should not be negative.
 - c) Should submit a valid Bank solvency certificate from a schedule bank for an amount not less than Rs. 4 crores.
 - d) Should not be under liquidation, court receivership or similar proceedings.
1. Tenderers desirous of purchasing the tender document must ensure that they satisfy the above requirements. They shall submit the documentary proof of meeting the same so as to reach the Office of Chief Executive, NRB, BARC, Anushaktinagar on or before **11/10/2018**. Only those forms, which in Chief Executive's opinion meet tender requirements, shall be intimated to purchase the tender document. (Where necessary, enquiries will be made with the firm's references and bankers to verify the claims made

- in respect to the qualification requirements). Chief Executive reserves the right of not issuing the tender document without assigning any reason.
2. Tender document shall be issued in two parts viz., Part-A (Technical Bid) and Part-B (Financial Bid). Part-A consists of information to bidder, format for preparation of technical proposal, general conditions of contract (GCC), special conditions of contract (SCC), special instructions to the bidders, technical specifications, design inputs, etc. Part-B consists of format for preparation of financial proposal, milestones for payment etc. The tender will be issued from the office of **GM, INRPRD, NRB, BARC, Anushaktinagar, Mumbai -400094** on any working day from **19/09/2018 to 12/10/2018** between 1100 hrs. to 1600 hrs., on payment of amount mentioned above by Demand Draft or Banker's Cheque drawn on a Schedule Bank payable to Pay and Accounts Officer, NRB. A pre-bid meeting will be held on **17/10/2018** at NRB Office, BARC, Anushaktinagar, Mumbai 400094.
 3. If any information furnished by the tenderer is found incorrect at a later stage, he shall be liable to be debarred from tendering/ taking up of work in NRB. NRB reserves the right to use in-house information to verify the particulars furnished by the tenderer and assess the capability of the tenderer independently.
 4. NRB shall not be responsible for any cost or expenses incurred by the tenderer in connection with the preparation or delivery of bids, including costs and expenses related with visits to the work site.
 5. Clarifications, if any, can be obtained from the office of GM, INRPRD, NRB on fax no. 022-25555118 or by email: hrpimpar@barc.gov.in / prasadk@barc.gov.in / sauraabh@barc.gov.in or by phone : 25597974 / 25596119 / 25595472.
 6. Tenders are required to be submitted in separate sealed and super scribed envelopes containing and indicating the following:
 - I- First Envelope: EMD
 - II- Second Envelope: Part A (Technical Bid)
 - III- Third Envelope: Part B (Commercial Bid)
 - IV- First Envelope + Second Envelope + Third envelopeIt will be obligatory on all bidders to return tender document along with drawings if any at the time of opening the tender whether they are submitting the bid or not.
 7. Tenders will be received up to 14.30 hrs. on **05/11/2018** in the office of **GM, INRPRD, Nuclear Recycle Board, BARC, Anushaktinagar, Mumbai 400094.**
 8. **Part-A (Technical bid) will be opened on the same day at 15.00 hrs.** in the presence of attending bidders. Part-B (Financial Bid) of the tender will be opened at a later date to be specified and communicated to successful bidders who are qualified through technical evaluation involving visits to the bidders office for studying sample 3D piping models, Design Reports of completed similar works, inspection of infrastructural facilities to carry out the tendered work, such as, number of employees on roll, availability of software for analysis & design works, and for holding technical discussions.
 9. Tenders with any condition including conditional rebate shall be rejected. However, tenders with unconditional rebate will be accepted.
 10. Tender shall be kept valid for **120 (One hundred twenty)** days from the date of opening of the tender (Part-A).

11. In case the last date of sale and/or the date of receipt and opening of tender are declared as holiday, the respective date shall be treated as postponed to the next working day.
12. Earnest Money Deposit in the form demand draft or Banker's Cheque shall be deposited along with the tender. Tenders not accompanied with Earnest Money Deposit are liable for rejection.
13. Bidders should quote in figures as well as in words the rates and amounts tendered by them. All corrections shall be attested by the dated initials of the bidder. The consultants not tendering for this work after purchase of the tender documents must return the tender documents and drawings to the office of GM, INRPRD, Nuclear Recycle Board, Anushaktinagar, Mumbai 400094 within 15 days from the due date of tender. However, the cost of tender document will not be refunded.
14. The bidder whose tender is accepted will be required to pay Security Deposit (SD) @ 10 % of the tender value. SD can be paid in the form of Demand draft / Bank guarantee / Fixed Deposit Receipts of Scheduled banks. EMD deposited at the time of submission of proposal will be treated as part of SD. The SD can also be collected by deductions @ 10% of the gross amount of the running bill of the Consultant till the sum along with the sum already deposited as EMD becomes equal to 10% of the lumpsum contract value. Amount kept under SD shall not bear interest and same shall be returned to Consultant at the end of the defect liability period of the contract. The Security Deposit shall be endorsed in favour of the **"Pay and Accounts Officer, NRB"**.
15. If the successful bidder fails to furnish the prescribed Security Deposit on or before stipulated dates of commencement the President of India or his successors in office shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely. Further, if this successful bidder fails to commence work within 1/8th of the stipulated time, the President of India or his successors in office shall without prejudice to any other right or remedy available in law; be at liberty to forfeit the said earnest money and the Security Deposit absolutely.
16. The acceptance of tender will rest with the **Chief Executive, Nuclear Recycle Board, Bhabha Atomic Research Centre** on behalf of President of India, who does not bind himself to accept the lowest tender and reserves to himself the authority to reject any or all of the tenders received, without assignment of any reason. All tenders in which, any of the prescribed conditions are not fulfilled or are incomplete in any respect are liable to be rejected.
17. Quoted rates shall be inclusive of GST and shall be payable by the consultant and NRB, BARC will not entertain any claim whatsoever in this respect. The consultant should be registered under Goods & Service Tax (GST) and GST as applicable as per extant order on the work shall be paid by the consultant to concerned tax authorities.
18. The tender for work shall remain open for acceptance for a period of **120 days** from the closing date of Part-A of tenders. If any bidder withdraws his tender within the validity period or make any modifications in the terms and conditions of the tender which are not acceptable to the department, then the Government shall without prejudice to any right or remedy, be at liberty to forfeit 50 % (Fifty Per cent) of the Earnest Money absolutely.

19. The bidding capacity of the bidder should be equal to or more than the estimated cost of the work put to tender. The bidding capacity shall be worked out by the following formula:

$$\text{Bidding Capacity} = [A \times N \times 2] - B$$

Where, A = Maximum Value of order executed in any one year during the last five years taking into account the completed as well as works in progress. The value of completed work shall be brought to current costing level by enhancing at a simple rate of 7% per annum.

N= Number of years prescribed for completion of work for which bids have been invited.

B= Value of existing commitments and ongoing works to be completed during the period of completion of work for which bids have been invited.

20. Bidders shall submit following documents:
- TDS Certificate for proof of value of work executed for various clients.
 - Certificate of Financial Turnover from CA, balance sheets & ITR for last three year.
 - Certificate of Registration for GST and acknowledgement of up to date filed return.
 - Copy of PAN
21. The tender for the work shall not be witnessed by a bidder or bidder who himself / themselves has/have tendered for the same work. Failure to observe these conditions would render tenders of the bidder tendering as well as witnessing the tender liable to summary rejection.
22. It will be obligatory on the part of the bidder to sign the tender document for all the component parts.
23. This Notice Inviting Tender shall form the part of the contract document.
24. Please note the following:
- Cheques for Earnest Money Deposit will not be accepted.
 - EMD amount in full of Rs 20 lakhs to be submitted along with the submitted bids.
 - Income tax at applicable rates would be deducted from the running bills.
 - Tender forms are not transferable.
 - The tender documents will not be sent by post or courier.
25. Please note that to enter Anushaktinagar colony, photo-identity (passport, driving license, voter's I-card, I-card issued by the employer, etc.) is a must. Advance intimation will have to be given to enter into Anushaktinagar Premises.
26. Canvassing in connection with tenders is strictly prohibited and the tenders submitted by the bidders who resort to canvassing will be liable to rejection.
27. Even though any bidder may satisfy the above requirements, he would be liable to disqualify if he has :

- a. made misleading or fake representation or deliberately suppressed the information in the forms, statements and enclosures required in the eligibility criteria documents.
- b. record of poor performance such as abandoning work, not properly complying the contract or financial failures/weakness etc.

Lawi. /ko
13/8/18

Chief Executive
Nuclear Recycle Board
Bhabha Atomic Research Centre
For and on behalf of President of India