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**GOVERNMENT OF INDIA
BHABHA ATOMIC RESEARCH CENTRE
Heavy Water Division**

Ref: BARC/HWD/2022/eO- I/18044

23-Mar-22

To,

Sub: Invitation to submit your quotation (Two Envelop System i.e. Technical Bid & Financial Bid)

Sealed quotations are invited for and on behalf of the President of India for the work as described below. The last date of submission of sealed quotation is 29/04/2022 at Head, Heavy Water Division, Bhabha Atomic Research Centre. Please mention the reference number on the front cover of the sealed quotation. Sealed quotation shall only be sent through Postal Speed Post only. Hand delivery of the quotations is strictly not allowed. The sealed quotation will be opened on 02/05/2022 between 1400 to 1700 hrs in office of authorized tender opening officer.

S. No.	Description of Job	Completion Period
1	Preparation of 3D & 2D Drawings in Plant Modeler software Cadmatic as per the Engineering requirements	Twelve months from the date of Work Order.

The terms and conditions are given below:

- 1. Qualifying criteria for bidders: Firms meeting the following criteria should only quote for the tenders. Quotations of the firms not meeting these requirements will be rejected.**
 - 1.1 Contractor shall have adequate knowledge and experience in preparation of item catalogue, piping specs, 3D model and other functions in Cadmatic for deploying qualified piping engineer, plant modeler & project admin at different units of Dept. of Atomic Energy like BARC, NPCIL, HWB etc., PSU and/or reputed corporate companies.
 - 1.2 Contractor should have completed atleast one work order for Preparation of 3D & 2D Drawings in Plant Modeler software Cadmatic having value of at least Rs. 15 Lakhs in last seven years with satisfactory completion certificate.
 - 1.3 Contractor should have qualified piping engineers (Minimum 2 nos.) and plant modeler & admin (minimum 2 nos.) readily available for deployment for drawing preparation work as specified in the technical specification. Contractor shall submit the details of engineers and draftsman to be deployed alongwith their qualification and experience for their evaluation test.
 - 1.4 The past experience of the firm in similar nature in BARC/DAE shall be made available with Work Order copy and satisfactory completion certificate from the

user. Also the list on of going jobs inside BARC premises with expected completion period shall be provided.

- 1.5 The contractor shall have licensed version of Cadmatic with him.
- 1.6 Plant modeler & Piping engineer to be deployed shall be qualified and have minimum required experience as specified in the technical specifications.
2. The quotation envelope shall be superscripted with **Description of the job and the Tender Ref. No.** mentioned above.
3. Other salient work requirements:
 - 3.1 The contractor shall deploy minimum number of manpower as per the technical specification for whole period of the work order and till the completion of all number of drawings. If more number of manpower deployment is required, the contractor shall arrange the same at the earliest.
 - 3.2 The contractor is required to be security vetted as per BARC security procedure and shall have Police Verification Certificates of all the deployed manpower.
 - 3.3 All engineering work is to be carried out as per technical specification & Annexure.
4. Interested bidders shall contact the undersigned on Phone No. **25592751** or mail **sulabhg@barc.gov.in** with above mentioned details for getting the Detailed Tender Specification.
5. The complete quotation shall reach the following address on or before **29/04/2022, 17:00 hrs** by **Registered Post/ Speed post**. The quotations will be opened on **02/05/2022** in BARC between 1400 to 1700 Hrs.

<p>Head of Division Heavy Water Division Engg. Hall No. 02, BARC, Trombay Mumbai, 400085 Kindly attention, Mr. Sulabh Gupta, SO/E</p>

6. **Printed Letter Head:** Quotation should be typewritten/ computer printed on the letter head; computer generated / handwritten quotation is not valid.
7. Procedure for submission of bid (Offline through Speed Post Only) and further Evaluation:

The contractor has to submit the bid in hard copy in sealed single envelop through speed post only. However, this envelop shall contain two sealed sub envelopes, one sub envelop marked as Technical Bid (containing all the relevant details as mentioned in Qualifying criteria of this tender) and other sub envelop marked as Financial Bid (containing details of Annexure II of this tender). Both these sub envelopes shall also have Ref. No. of this tender no. written on it. Intermixing of Bids is not allowed. Bids without two sealed sub envelopes shall be rejected and no further communication will be made against this tender. Initially, Technical Bids will be opened and Contractor's evaluation will be carried out as specified above at sr. no. 1.1 to 1.5.
8. **Validity of the Offer:** Validity of the offer shall be minimum 60 days from date of opening of quotation.
9. **Guarantee:** Vendor shall have to guarantee for the quality and workmanship of work done for the period of 12 months from the date of completion of the work.
10. The department reserves right to extend the date of opening the quotations.

11. Payment Terms: Full payment will be made after satisfactory completion of the entire job. The payment will be made only and on production of bill in duplicate, advanced stamped receipt, income tax acknowledgement receipt & GST undertaking alongwith work completion certificate by HWD, BARC.

12. Income Tax Recovery Clause: TDS @ 2% on GST and Income tax @ 2% and surcharge on IT as applicable and Educational Cess as applicable on IT and SC shall be deducted from the contractor's bill.

13. Earnest Money: Earnest Money @2% of the quoted price in original to be submitted in a separate sealed envelope in the form of Fixed Deposit Receipt/ Demand Draft/ Bankers Cheque/ Pay Order of a Scheduled Bank, issued in favour of **Accounts Officer, BARC, Mumbai.**

14. In case of any extension in the job completion period is required, the vendor has to write to Head, HWD, BARC giving proper justification for the delay & it should be approved by Head, HWD, BARC.

15. If any of the employee, consultant, or partner of the company is an Ex BARC employee, the same must be stated in the quotation clearly.

16. Time shall be the essence of the contract. If the vendor fails to comply with this condition, he shall be liable for penalty @ ½% per week (maximum 5 %) or a smaller amount as Head, HWD (whose decision in writing shall be final) may decide on the said estimated cost of whole work that the due quantity of the work remains uncompleted. Always the entire amount of Compensation to be paid, if any, under the provision of this clause shall not exceed 5 % of the estimated cost of the work as shown in the tender. All efforts should be made by the vendor to improve upon the completion period. The vendor has to abide by the time allotted for the corrections.

17. GST/PAN Number: Quotation must contain the GST and PAN number of the firm.

18. Safety

- a) All the persons deployed by the contractor at site shall be physically and mentally fit.
- b) All applicable industrial & safety precautions shall be taken by the contractor in respect of their personnel working at site.
- c) Above work calls for adherence to safe work practice. BARC shall not be responsible for any damage, injury, death etc of any contractor's personnel under any circumstances. No compensation claim shall be admitted in this regard.

19. Security Instructions:

- a) The contractor has to follow strictly the security regulations prevailing in BARC from time to time especially in regard to working hours, movement of materials and entry permits.
- b) Identity cards for the contractor and contractor's persons (employees/consultants) will be issued after verification of their antecedents.
- c) It will be the responsibility of the contractor to produce police verification certificate for his persons before seeking permission to commence any

work inside BARC premises. The Engineer-In-Charge who recommends their entry will make sure that this requirement is completed.

- d) Police verification certificate submitted with respect to an individual will be treated valid only for one year from the date of issue and on expiry of one year period, a fresh police verification certificate will have to be produced.
- e) For working on weekends and late hours even though permission will be accorded by Engineer-In-Charge, the contractor will have to make application to the BARC security also and keep them informed well in advance.
- f) All the personnel employed by the contractor will follow strict instruction given by RHC of reactor complex.

20. Confidential Clauses:

- a) **Confidentiality** : No party shall disclose any information to any third party concerning matters under this contract generally, In particular, any information identified as "Proprietary" in nature by the disclosing party shall be kept strictly confidential by the receiving party shall not be disclosed to any third party without the prior written consent of the original disclosing party This clause shall apply to the sub- contractors, consultants, advisors, or the employees engaged by a party with equal force.
- b) "Restricted information" categories under section 18 of the Atomic Energy Act, 1962 and "Official secrets" under section 5 of the of the Official Secret Act, 1923: Any contravention of the above mentioned provisions by any contractor, sub- contractor, consultant, advisor or the employee of a contractor will invite Penal consequences under the aforesaid legislation.
- c) Prohibition against use of BARC's name without permission for any publicity Purpose. The contractor or Sub contractor, consultant, advisor or the employees engaged by the contractor shall not be use any public purposes through any media like press, TV, or internet, without the prior written approval of BARC.

21. General:

- a) The names of your authorized representative at site to whom official instructions can be given may please be communicated.
- b) Shri Sulabh Gupta, SO/E (Tel no. 25592751/25592750) will be the Engineer-In-Charges for the above job.
- c) Please indicate whether any of your relatives are employed in BARC or you or any of your employees were employed in BARC or any other units of DAE.
- d) All I-cards, temporary entry permits issued to the contractor/contractor's personnel shall be surrendered after completion of work.



Indentor