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TROMBAY,  
MUMBAI - 400 085

GOVERNMENT OF INDIA  
BHABHA ATOMIC RESEARCH CENTRE  
Control Instrumentation Division

Ref: E&IG/CnID/ISIS/HMB/ENQ/2023 /OPA/ P-90242

Date: 20/04/2023

Sub: Invitation to submit your quotation

On behalf of the President of India, Head, In-Service Inspection Section, Control Instrumentation Division, Bhabha Atomic Research Centre invites quotation in sealed envelope for the work given below as per the technical specifications enclosed herewith.

S. No.	Description of Job	Completion Period
1	Wiring, Assembly and Testing of Inspection Modules as per technical specifications at ISI section (4 <sup>th</sup> Floor RCnD Bldg), CnID, BARC, Mumbai-400085	05 months, 15 Days

**The terms and conditions are given below:**

1. Bidder shall quote for carrying out this job at ISI Section, 4<sup>th</sup> floor, RCnD Building, BARC
2. Taxes, other charges, if any, shall be quoted separately.
3. The quotation must reach BARC by **4<sup>th</sup> May, 2023** and must be sent in a sealed envelope superscribed with the reference number & the due date given above.
4. The address on the envelope should read:  
R. D. Veerapur,  
Head In-Service Inspection Section, CnID, E&IG,  
Room No: 417, 4<sup>th</sup> Floor, RCnD Building,  
BARC, Trombay, Mumbai - 400 085.  
(Attn.: H. M. Bapat, SO(G), ISIS, CnID, E&IG)
5. Head, ISI Section, CnID, E&IG, BARC reserves the right to accept / reject any or all quotations without assigning any reason.

*R.D. Veerapur* 20/04/2023  
(R. D. Veerapur)

Head, ISI Section, CnID, E&IG

आर.डी. वीरापुर / R. D. Veerapur  
वैज्ञानिक अधिकारी(एच) / Scientific Officer (H)  
अध्यक्ष, सेवाकालीन निरीक्षण अनुभाग  
Head, In-Service Inspection Section  
सी.एन.आय.डी., इ. एवं आ.जी., भा.प.अ.कें. / CnID, E&IG, BARC

6. Validity of the offer shall be 90 days from date of opening of quotation.
7. Quotations should be preferably neatly typed and corrections are not acceptable.
8. Quotation received in computer-generated form shall not be acceptable. Quotation must be submitted in printed letterhead duly signed by the proprietor, mentioning clearly GST registration No. , PAN No. & Service Tax Registration No. Submission of challan and Invoice shall also comply the same, in case, work order is placed.
9. Vendor shall have to give guarantee of the quality and workmanship of work done for the period of 12 months from the date of completion of the work.
10. Offer of those firms, who do not submit their quotation as per the details given in the technical specification and incomplete quotations/offer received after the due date in any respect shall not be considered.
11. **Qualifying criteria for bidders**
  - Firms willing to bid for above mentioned job shall have been vetted by Security Section of BARC.
  - All the supervisors and workers should have valid Police Verification Certificate (PVC).
  - 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 of ongoing jobs inside BARC premises with expected completion period shall be provided, If demanded
  - Interested bidders shall contact the undersigned on Phone No.022- 2559 2137 (Ext. No. 22137, email : hbapat@barc.gov.in) with above mentioned details for any clarification.
12. The payment shall be arranged through Accounts Division, BARC as per Government procedure after satisfactory completion of work against production of invoice, advanced stamped receipt, completion certificate & guarantee certificate. It may please be noted that advance payment is not possible.
13. **Income Tax Recovery Clause:** Income tax @ 2% and GST TDS @ 2% will be deducted from the bill.
14. 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.
15. **Penalty:** Any delay which attributable to the contractor is liable for penalty @ 0.5 % per week (max 10 %) to be imposed on contractor.
16. **GST/PAN Number:** Quotation shall consist of GST Registration Number, PAN number of the firm. GST @ 18% of basic cost will be applicable.
17. **Safety & Security Rule:** The vendor shall follow all the safety procedures as per the normal industrial practice during the execution of the job at site. Any mishap occurring during the work due to unsafe workmanship shall be the vendor's liabilities. Security and transportation rules at BARC, Trombay premises shall be strictly followed.



(R. D. Veerapur)

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वैज्ञानिक अधिकारी(एच) / Scientific Officer (H)

अवकाश प्रोत्साहन निरीक्षण अनुभाग



## 18. Confidential Clauses:

**I. 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.

ii. "Restricted information" categories under section 18 of the Atomic Energy Act, 1962 and "Official secrets" under section 5 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.

iii. 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.



(R. D. Veerapur)

Head, ISI Section, CnID, E&IG

**आर.डी. वीरापूर / R. D. Veerapur**

**वैज्ञानिक अधिकारी(एच) / Scientific Officer (H)**

**अध्यक्ष, सेवाकालीन निरीक्षण अनुभाग**

**Head, In-Service Inspection Section**

**सी.एन.आय.डी., इ. एवं आय.जी., भा.प.अ.कें. / CnID, E&IG, BARC**

## Specifications

### **Wiring, Assembly and Testing of Inspection Modules**

**1. Definition of the Job:**

The Job involves electrical wiring, assembly and testing of Inspection Modules at ISI Section (4<sup>th</sup> floor, RCnD Bldg), CnID, E&IG, BARC, Trombay, Mumbai 400 085, as per the drawings and procedures provided by BARC.

**2. Scope of Work:**

The Job involves electrical wiring of connectors and sensors, potting of different components, assembly of sensors and different parts of module and testing of different components at various stages as per specified procedure provided by BARC.

**3. Location:** ISI Section (4<sup>th</sup> floor RCnD Bldg), CnID, E&IG BARC, Trombay, Mumbai 400 085

**4. Scope for Materials for the entire work:**

All the necessary tools & instruments needed for carrying out this job has to be arranged by the contractor.

**5. Qualifying Requirement for Contractor:**

Bidders who have successfully completed at least one similar type of job, during the last 2 years, in type, quantity and scope shall only be considered for the job. Preference will be given for parties having experience of executing similar jobs in DAE. If the user demands some information for evaluation of offers, contractor has to submit the information like client reference list, including description of the job, execution schedule, quantity, contact address of the users etc. Also, If needed by the user, the party will have to arrange for on-site evaluation of the executed jobs.

**6. Company Profile:**

Details of manpower, machineries and tools available at the disposal, jobs executed, annual turn-over etc. shall be submitted if demanded by the user for evaluation of offer.

**7. Detail Technical Specification for the Work:**

The Inspection Modules being fabricated in this work order will be deployed in reactor for In-Service Inspection of Coolant Channels of Indian PHWRs. This job is highly specialized in nature requiring best quality precision workmanship and therefore this job has to be carried out strictly under the supervision of BARC personnel to maintain the high quality standards. The Job involves electrical wiring, assembly and testing of Inspection Modules as per the drawings and procedures provided by BARC. Electrical wiring job involves wiring of high density lemo connectors, I-piece and sensors. The assembly job involves assembly of different modules of inspection head, mounting of ndt sensors on the inspection module and potting of different components of modules like I-piece and basic tube. The testing job involves continuity test of wired components, sensors of



module and pressure test of individual components and complete assembly as per procedure provided by BARC.

**8. General Terms and Conditions for the Job:**

**8.1 Guarantee:** The items under the scope of this job shall be guaranteed for a period of 12 months from the date of completion of the total job, for workmanship.

**8.2 Validity of the Offer:** Offer shall remain valid for at least a period of 90 days from the due date.

**8.3 Completion period:** The completion period for the total work shall be 5 months 15 days from the date of placing order.

**9. Other Conditions to the Party:**

- a) The above job will be done strictly under our supervision
- b) The work under this specification is highly specialized in nature requiring best quality precision workmanship and engineering. The Contractor shall deploy adequate skilled personnel so as to complete the work up to the satisfaction of the purchaser. Contractor should depute one qualified and experienced supervisor at site to interact with purchaser.
- c) The contractor having adequate experience in execution of this type of job will only be considered. The list of previously executed works in recent past shall be enclosed with details.
- d) The contractor shall be responsible to complete the work within the stipulated time and satisfactorily in accordance with the drawings and specifications issued.
- e) The Contractor shall be responsible for taking all safety precautions during the work and leaving the site safe at all times and at the end of each working day.
- f) It is responsibility of contractor to keep working area clean during execution of the work and clear site after completion of the work.
- g) **Securities and Safety Procedure:**
  - i. The party shall obtain a police verification certificate from CID of Mumbai Police for all his employees to be deployed in BARC. This is mandatory requirement of BARC Security Section.
  - ii. Party has to take all the necessary safety precautions during the work. He will be responsible for any accidents and damages due to negligence during the work and the working personnel should observe all the safety precautions during the work.
  - iii. The contractor shall be solely responsible, in case of any casualty involving the working personnel. However, first aid will be provided by BARC
  - iv. Party will be allowed to work only on working days (Mondays to Friday) between 9.45 to 18.15 hrs. In case of requirement, the working personnel may have to work on Saturdays and Sundays, for which no extra payment will be made
  - v. General BARC Security rules shall apply to all working personnel and the working personnel should behave well with others

**h) Confidentiality Clause:**

- I. No party shall disclose any information to any third party concerning the 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 and 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, advisers or the employees engaged by a party with equal force.

- II. "Restricted information" categories under Section 18 of the Atomic Energy Act, 1962 and "Official Secrets" under Section 5 of the Official Secrets Act, 1923: Any contravention of the above-mentioned provisions by any contractor, sub-contractor, consultant, adviser or the employees of a contractor will invite penal consequences under the aforesaid legislation.

- III. Prohibition against use of BARC's name without permission for publicity purposes. The contractor or sub-contractor, consultant, adviser or the employees engaged by the contractor shall not use BARC's name for any publicity purpose through any public media like Press, Radio, T. V. or Internet without the prior written approval of BARC.

**i) Mode of payment:**

100% payment will be arranged through our accounts department, only after submission of the satisfactory work completion certificate, bill, guarantee certificate, delivery challan and advanced stamped receipt and proof of PAN. No advance/part payment or against delivery is admissible. Income Tax at the rate of 2% and GST TDS @ 2% on basic cost will be deducted from the bill.

**j) Liquidated Damage:**

In case work is not completed within the agreed completion period, the party shall pay to the Department, liquidated damages, as per BARC purchase procedure. If work could not be completed within completion period the contractor has to request extension before expiry of completion work with proper justification. Any delay which is attributed to the contractor is liable for penalty @ ½ % per week (max. 10%) to be imposed on the contractor.

 20/04/2023

(R. D. Veerapur)

Head, ISI Section, CnID, E&IG

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