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सत्यमेव जयते

भारत सरकार

Government of India

भाभा परमाणु अनुसंधान केंद्र

Bhabha Atomic Research Centre

रिएक्टर इंजीनियरी विभाग

Reactor Engineering Division

हाल - 7,

ट्रॉम्बे,

मुंबई - 400 085,

HALL No. 7,

TROMBAY,

MUMBAI - 400 085

Ref: RED / RCCS / HVS / 96 / \_\_\_\_\_ / MF / P-6407 2022

Date: 7 / 10 / 2022

**Sub: Minor Fabrication Work – Invitation to quote for two part tender for “Assembly, fitting and functional trials of In-service inspection tools and preparation, testing of miniature specimens; as per Annexure – I at Engg. Hall – 7”**

Dear Sirs,

Sealed quotations are invited on behalf of the President of India by Head, RCCS, RED for **“Assembly, fitting and functional trials of In-service inspection tools and preparation, testing of miniature specimens; as per Annexure – I at Engg. Hall – 7.”** This work is to be executed at the purchaser's premises.

**General Notes:**

1. The work will be carried out at the **purchaser's premises** and **tools**, material and various facilities required to execute the job will be provided free of cost by the purchaser.
2. Supplier shall arrange **three semi-skilled and qualified man power** to carry out the assignments. The bidder shall comply with all the necessary security requirements for entry into BARC premises. All the workers shall have **valid Police Verification Certificate (PVC)**.
3. The bidder shall take all the necessary safety precautions during work and they shall be responsible for any damage or accidents. No compensation, in any case, will be paid by the department to the bidder.
4. **The work shall be completed within one calendar year from the receipt of work order.**
5. Quotations shall be submitted in two parts i.e. **“TECHNICAL” & “FINANCIAL”**. These quotations shall be put in two separate envelopes and sealed properly. These two envelopes shall be put in a main envelope and sealed properly.
6. The reference no. of this letter, date and time of opening of bids must be clearly mentioned on the all sealed envelopes containing the quotation.
7. Quotations shall be provided on a company letter head describing Name, address and contact details. All quotations must be complete with proper reference number, signed and stamped by the authorized representative of the bidder. Without this information the offer will be treated as invalid.
8. In **“TECHNICAL”** bid, supplier shall furnish the details of manpower, equipments, machinery, infrastructure and work experience of similar type of work specified in Annexure-I for assessment by the purchaser. Copy of work order/completion certificates of the similar assignment carried out in the recent past shall be attached with the quotations. Without this information the offer will be rejected.
9. The **“TECHNICAL”** quotation must clearly indicate compliance with the technical specification as per Annexure-I. Offers that do not comply with the technical specification in all respects will be rejected.

10. The "TECHNICAL" quotation must be given in the letter head of the supplier. All documents being submitted for "TECHNICAL" quotation shall be listed in this letter.
11. The quotations must reach to Head, RCCS, RED latest by 09/11/2022. Quotations will be opened on 10/11/2022 at 14.00 hrs.
12. The quotations have to be sent by speed post only. Hand delivered quotation will not be entertained. The bidder may contact Shri. Hiren V. Shedge on 022-2559-6743 for inquiries related to MF.
13. "TECHNICAL" part of quotations will be opened first and "FINANCIAL" part of quotation will be opened only if the "TECHNICAL" bid is found to be acceptable as per terms and conditions of technical specifications.
14. Payment will be made as per government rules, ONLY after the completion of the work to purchaser's satisfaction against submission of original bill in triplicate and advance stamped receipt. Advance payment is not possible.
15. Income tax @2% and GST as applicable will be deducted from the bill. Taxes if applicable shall be paid as per government rates.
16. Bidder shall mention their PAN and VAT/GST nos. in the quotation.
17. The offer shall be kept open for acceptance for a minimum period of 60 days from the date of opening of the quotation.
18. The bidder shall furnish the detailed information regarding whether an ex-employee of BARC is working in their organization or whether any of their relative is working in DAE/BARC or whether he/she is an ex-employee of DAE/BARC. In case of absence of such information, or wrong information the quotation or contract is likely to be rejected or cancelled.

#### CONFIDENTIALITY CLAUSES:

I. Confidentiality:

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-bidders, consultants, advisers or the employees engaged by the 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:-

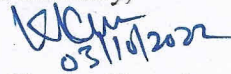
Any contravention of the above-mentioned provisions by any bidder, sub-bidder, consultant, adviser or the employees of a bidder will invite penal consequences under the aforesaid legislation.

III. Prohibition against use of BARC's name without permission for publicity purposes:-

The bidder or sub-bidder, consultant, adviser or the employees engaged by the bidder 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.

Thanking you,

Yours Sincerely,



(Dr. Kundan Kumar)  
Head, RCCS

For and on behalf of the President of India  
(The Purchaser)

Enclosure: 1) Annexure I (Technical Specification)



## **Technical specifications for assembly, fitting and functional trials of In-service inspection tools and preparation, testing of miniature specimens, Engg. Hall – 7.**

### **Part I Scope of work**

Assembly, fitting and functional trials of In-service inspection tools and preparation, testing of miniature specimens; as per Annexure – I at Engg. Hall – 7.

### **Part II Description of Work**

#### **1) Deployment of IProMS in 220 PHWR**

List of activities:

- 1) Dis-assembly, cleaning, modification and assembly of components of IProMS.
- 2) Assembly and fitting of fixtures of IProMS.
- 3) Fabrication of components for full scale mock up trials.
- 4) Functional trials, Qty: 20 Nos

#### **2) Commissioning, modification and functional trials of 540 PHWR CTRJD**

List of activities:

- 1) Assembly of components of the system.
- 2) Fabrication of structure for shop floor trials.
- 3) Modification of the assembly components of the system.
- 4) Functional and qualification trials of the system.
- 5) Numbers of trials: 10 Nos.

#### **3) Functional trials of 3D profilometer**

List of activities:

- 1) Assembly of components of the system.
- 2) Functional trials, Qty: 10 Nos

#### **4) Functional trials of Replica 540**

List of activities:

- 1) Assembly of components of the system.
- 2) Fabrication of structure for shop floor trials.
- 3) Modification of the assembly components of the system.
- 4) Functional and qualification trials of the system.
- 5) Numbers of trials: 10 Nos.

#### **5) Tensile and impact testing of Miniature Specimens**

List of activities:

- 1) Preparation of samples and dimensional inspection: 300 Nos
- 2) Preparation and assembly of fixtures of test machine.

### **Part III**

#### **General Requirements**

- a) The contractor has to assemble the components as per the assembly drawings and instructions by the concerned engineer of BARC.
- b) The contractor has to prepare the test set up for testing and qualification of the tools.
- c) Based on the results of the trial, the contractor has to carry out minor changes in the components of the assembly.
- d) The contractor has to maintain records of all tests and results and assembly parameters for future reference and assembly.
- e) The contractor has to carry out dimensional inspection of all components and maintain record of the same.
- f) It is duty of the contractor to arrange entry permit, PVC and other related documents for entry of their personnel in BARC premises.
- g) All necessary tooling and fixtures required for the job will be provided by BARC.
- h) The person deputed for this work should be qualified for fitting, assembly and testing job. He should have the skill of marking, drilling, polishing and filing. The bidder shall provide **three-semi skilled and qualified man power** for execution of the job. Person should have experience of similar jobs executed earlier.