



**GOVERNMENT OF INDIA  
BHABHA ATOMIC RESEARCH CENTRE  
ALKALI MATERIAL & METAL DIVISION**

**Ref: BARC/AMMD/BKC/2019/03/82435**

**Date: 02/05/2019**

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**Sub: Invitation to submit quotation**

On behalf of the President of India, Head, Alkali Material & Metal Division, Bhabha Atomic Research Centre invites lowest quotation in sealed envelope for the work given below as per the technical specifications enclosed herewith.

Sr. No.	Description of Job	Completion Period
1	Minor fabrication, repairing and calibration of Bronkhorst make mass flow controller as per the technical specifications and other terms and conditions noted in the enclosed annexure for Materials Development Section of Alkali Material & Metal Division at PDL building at DD- WMD Premises.	30 Days

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

**1. Qualifying criteria for bidders**

- 1.1 Firms willing to bid for above mentioned job shall have been vetted by Security Section of BARC.
- 1.2 All the supervisors and workers should have valid Police Verification Certificate (PVC). The list of manpower available with firm shall be submitted along with their details of PVC.
- 1.3 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.
- 1.4 Interested bidders shall contact the undersigned on Phone No. 25594757 (Ext. No. 24757) with above mentioned details for getting the Detailed Tender Specification.

**2. The quotation envelope shall be superscripted with **Description of the job and the Tender Ref. No.**, mentioned above.**

**3. The complete quotation shall reach the following address on or before **20/05/2019** by **Registered Post/ Speed post**. The quotations will be opened on the next working day in Alkali Material & Metal Division, BARC between 1400 to 1600 Hrs.**

Head,  
Alkali Material & Metal Division,  
Bhabha Atomic Research Centre,  
Trombay, Mumbai- 400 085

**4. Printed Letter Head:** Quotation should be printed on the letter head; computer generated quotation is not valid.

**5. Validity of the Offer:** Validity of the offer shall be 60 days from date of opening of quotation.

**6. Guarantee:** 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.

- 7. Offer of Firm:** Offer of those firms, who do not submit their quotation as per the details given in the technical specification and incomplete quotations in any respect shall not be considered.
- 8.** The department reserves right to extend the date of opening the quotations.
- 9. Payment Terms:** Accounts Division BARC Mumbai-400085 shall make full and final payment only after submission of the satisfactory work completion certificate issued from the undersigned, bill, guarantee certificate, delivery challan and advanced stamped receipt. No advance is admissible.
- 10. Income Tax Recovery Clause:** Income tax @ 2% and GST TDS @2% will be deducted from the bill.
- 11.** 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.
- 12. Penalty:** Any delay which attributable to the contractor is liable for penalty @ 0.5 % per week (max 5 %) to be imposed on contractor.
- 13. GST/VAT/PAN Number:** Quotation shall consists of Sales Tax Registration Number registered with local ST authority /CST authority, PAN number of the firm, service tax registration number etc.
- 14. Quantity Variation Clause:** Quantity variation of  $\pm 10\%$  is possible during the execution of the job. Actual payment shall be made based on the actual work carried out by the contractor after completion of entire job.
- 15. 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.
- 16. 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 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

(B. K. Chougule)  
Scientific Assistant - D

**ANNEXURE**  
**Technical Specifications**

**1. Job No. BARC/AMMD/BKC/2019/03**

**2. Job Title:** Minor fabrication, repairing and calibration of Bronkhorst make mass flow controller.

**3. Description of the job:** It involves,

- Minor fabrication and repairing of Bronkhorst make mass flow controller.
- Supply and replacement of faulty/damaged electrical or electronic components of existing mass flow controller.

**4. Technical details of the Bronkhorst make mass flow controller:**

- Make- M/s. Bronkhorst.
- Model No. Model no. F-230AV-M50-AGD-55V
- Maximum flow Capacity: 500LPM.
- Power rating- 24V DC
- Quantity- 1 No.
- Purchaser order number through which Bronkhorst make mass flow controller was purchased - DPS/04/A1/273/PO/231621 dated 19/08/2016
- PO value -₹. 4,13,100/-
- Date of supply- 04/11/2016
- Warranty expired on - 03/11/2017

**5. Scope of work:**

Scope of work involves as mentioned below:

- a) Minor fabrication.
- b) Supply and replacement of faulty/damaged electrical/electronic components by new components as noted in Table no. 1.
- d) Repairing of controller panel as necessary for smooth operation of mass flow controller.
- d) Final inspection, testing and calibration of repaired mass flow controller.

**Table no. 1-** List of electrical/electronic components to be supplied and replace

Sr. no.	Description	Quantity
1	Processor control board (PCB)	1
2	Flow Sensor	1

**6. Inspection and Testing:**

All necessary electrical components which are to be replaced shall be inspected and tested for their quality, finish, workmanship and dimension during supply, replacement and completion of repairing. Subsequently, flow trials of the mass flow controller will be taken at maximum rated flow rate (500 lpm). Rate of flow and performance of mass flow controlling unit will also be checked during and after completion of repairing at our site.

**7. How to quote:**

Vendor shall quote in item (part) wise for repairing of mass flow controller, which includes procurement of all required materials, supply and installation including transportation charges, repairing of mass flow controller. Taxes and duties shall be mentioned clearly. Vendor shall submit the detailed technical specification of all the materials which is to be replace during repairing of the mass flow controller.

**8. Modification:** Any modification if required should be done for the satisfaction of user concerned. If any modification is required during repairing, vendor has to rectify.

**9. Guarantee:** Vendor is required to provide guarantee for workmanship and performance of mass flow controller and trouble free operation for 12 months from the date of repairing. Vendor will repair/replace defective parts along with service free of cost during guarantee period.

**10. Safety rule & Security rule:**

The vendor shall follow all the safety procedures as per the normal industrial practice during the execution of the job at user's 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.

**11. Police Verification Certificates:**

Photo passes shall be issued in lieu of producing police verification certificates for all workmen which shall employed by the vendor for this work. Each photo pass issued to employee/supervisor or any other staffs upon the completion of this work have to be surrender to the issuing authority and obtain a "No Demand Certificate" to that effect from S&MIS section of Personnel Division of BARC.

**12. Completion period:**

30 days from the date of receipt of work order.

**13. Terms and conditions for payments:**

- a) No advance payment shall be made.
- b) Full payment shall be made after completion of job. The vendor shall submit the Bill along with the duly signed advanced stamped receipt, to avoid delay in payment.
- c) Cheque /draft shall be issued by the Accounts Officer, BARC in favor of the vendor, within 30 days form the date of submission of Bill.
- d) The User's department shall provide water and electricity in free of cost, if necessary.

**14. Confidentiality clause:**

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 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

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