

S.R.Satre, SO/E
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022-69296151
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भारत सरकार
GOVERNMENT OF INDIA
भाभा परमाणु अनुसंधान केन्द्र
BHABHA ATOMIC RESEARCH CENTRE

ट्रम्बे,
मुंबई-४०० ०८५.
TROMBAY,
MUMBAI-400 085.

Chemical Engineering Group
Alkali Material & Metal Division

Due date: 26/11/2021

Ref: BARC/MF/ChEG/AMMD/MDS/SRS/2021/08/EO- 1/5541

Date: 12/11/2021

To,

Sub: Invitation to submit your quotation

On behalf of the President of India, Head, Alkali Materials and Metal Division, Chemical Engineering Group (ChEG), Bhabha Atomic Research Centre invites quotation in sealed envelope for the work given below as per the technical specifications enclosed in Annexure-C.

S. No.	Description of Job	Completion Period
1	Fabrication and Supply of Programmable Isolator for Temperature Measurements at PDL/AMMD experimental setup of Materials Development Section of AMMD, PDL Building, B.A.R.C., Trombay, Mumbai - 400 085. (For details please refer Annexure-C.)	60 days from the date of issue of work order

The terms and conditions are given below:

1. Firms willing to bid for above mentioned job shall have been vetted by Security Section of BARC.
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 with quotation.
3. The past experience of the firm in similar nature of work in BARC/DAE shall be made available 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.
4. Interested bidders shall contact the undersigned on Phone No. 022-25596151 or 022-69296151 (Extn. No. 26151) with above mentioned details for getting the Detailed Tender Specification. Bidders shall submit a requesting letter in company letter head for getting the Detailed Tender Specification.
5. The quotation envelope shall be superscripted with Description of the job and the Tender Ref. No. mentioned above.

6. The complete quotation shall reach the following address on or before **Due date: 26/11/2021**, by **only Indian Postal Service only**. (Quotation submitted through private courier service is not acceptable)

Head,
Alkali Materials and Metal Division (Hall-5)
Kind Attention: **S.R.Satre, SO/E**
Due date with time of submission on or before : **26/11/2021, 15:00Hrs.**

7. **Printed Letter Head:** Quotation should be printed on the letter head; computer generated quotation is not valid.
8. **Validity of the Offer:** Validity of the offer shall be 90 days from date of opening of quotation.
9. **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.
10. **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.
11. The department reserves right to extend the date of opening the quotations.
12. **Payment Terms:** Accounts Division, BARC Mumbai-400085 shall make full and final payment only after submission of the satisfactory work completion certificate & site clearance certificate issued from the undersigned, bill, delivery challan and advanced stamped receipt. No advance payment is admissible.
13. **GST/PAN Number:** Quotation shall consist of GST Registration Number registered with local GST authority, PAN number of the firm, service tax registration number etc.
- **GST: @5%**
 - **Interstate** transaction for R&D will attract **IGST @ 5% only** as per notification No. 47/17-Integrated Tax (Rate) dated 14.11.2017.
- OR
- **GST Exemption Certificate:** Kindly note that, the items intended to procure attracts concessional rate of GST as per CBEC Notification no. 45/2017 dated 14-11-2017.
14. **Income tax @ 2%** will be deducted of basic cost i.e. for ₹.30,000 & above.
15. **GST TDS @ 2%** of basic cost i.e. for ₹. 2,50,000 & above.
16. Undertaking to be submitted in standard format regarding GST payment has been promptly deposited in the respective accounts.
17. *Declaration/undertaking regarding confirmation of filling of ITR from immediate two preceding years within due date as per section 139(1) of the Income-tax Act, 1961 and I/we does not fall under the definition of 'specified person' as provided in section 206AB of the IT Act.
18. 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.
19. **Penalty:** Any delay which attributable to the contractor is liable for penalty @ 0.5 % per week (max 10 %) to be imposed on contractor.

20. Quotation should be in the printed letter head /quotation format which should consist of GST Registration Number, PAN Number of the firm, Service Registration Number, etc.
21. Quotation shall be signed by proprietor or authorized person and affix company seal.
22. Computer generated quotation form will not be accepted.
23. Offer shall be on free delivery basis to PDL Building, DEED Zonal Stores, BARC, Trombay-85.
24. Delivery period should be mentioned with all the possible consideration.
25. Payment will be made within 60 days from the date completion.

26. 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 liability. Security and transportation rules at BARC, Trombay premises shall be strictly followed.

27. 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.

28. Security Rules:

- a) Police verification certificates are required for supervisors and laborers deployed at the site.
- b) Security rules and transport rules at BARC, Trombay premises shall be strictly followed.
- c) Laborers below 18 years of age shall be not allowed to work at site.

Thanking you,

Yours faithfully,



S.R.Satre, SO/E
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Encl : (1) Annexure- 1
(2) Annexure-2

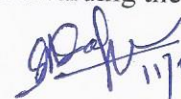
1. **Technical specifications:** As per Annexure-C

2. **Commercial Specifications**

- I. **Work place:** PDL building in DEED Complex, Alkali Material & Metal Division, Chemical Engineering Group (ChEG), BARC-Trombay-85
- II. **Quotation validity:** Quotation should be valid for a minimum period of 90 days from the due date of the tender.
- III. **Quote Format:** Bidder is requested to quote for the above job on lump-sum basis with mention of applicable taxes. Quotation price format will be like,
 $\text{₹.....(Basic lumpsum cost)} + \text{₹.....applicable taxes(GST)} = \text{₹.....(Total cost)}.$
- IV. A Xerox copy of PAN CARD, PVC of Proprietor or company is to be attached with quotation along with providing GST no. etc.
- V. **Payment terms:** Payment shall be released within 60 days after satisfactory completion of work at BARC.
- VI. **Mode of payment:** Payment will be released through ECS, the party has to fill the ECS/RTG form and submit with the delivery challan and Bill/Tax Invoice.
- VII. **Inspection Clause:** The work will be subjected to inspection by our engineers or representative during execution of support services at our work place before final acceptance.

3.0 **Criteria for Evaluation of Tender:**

- 3.1 Evaluation will be done based on consolidated price.
- 3.2 Technical suitable lowest consolidated offer will be considered for awarding the work order.

 11/11/2021

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Annexure-C

Technical Specification of Programmable Isolator for Temperature Measurements.

Application: To protect the electronic instrumentation by eliminating ground loop effects and reduce substantially the undesirable interference and instabilities in sensor measurements of Electrical DC Arc furnace.

- **Type:** Two wire DIN Rail mounting Type.
- **Accuracy:** $\pm 0.25\%$ of F.S.
- **Quantity:** 30 nos.
- **Configuration Communicator:** 1Set.
- **Hardware:** Required Hardware and software to be specified the bidder.
- **Programmable inputs:** It shall be programmable for the thermocouples type such as J, K, T, E, N, R, S, B, Pt-100, 0-50 mV, 0-20 mA, 4-20mA and 0-10V.
 1. **Output:** 4-20mA
 2. **CJC:** Built in CJC for thermocouples sensors.
 3. **Signal to noise ratio shall be more than 60dB**
 4. **Working Temperature :** 25°C to 70°C
 5. **Zero & Span Adjustment:** By Potentiometer
 6. **Sensor Burnout:** It shall be selectable to upscale or down scale.
 7. **Dimensions (HxWxD):** To be specified by the bidder.
 8. **Response Time:** To be specified by the bidder.
- **Power Supply:** 12 to 30 VDC
- **Power Consumption:** To be specified by the bidder
- **Galvanic Isolation:** Between input and output: To be specified by the bidder.
- **Configuration:** To be specified by the bidder.

Please note the following:

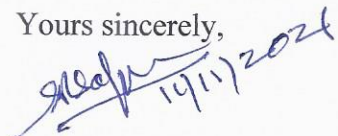
1. The work is to be completed within 60 days of receiving the firm work order from us.
2. The sealed quotations shall reach the office of the Head, AMMD, Hall-5, DEED Complex, Mumbai – 85 on or before **26.11.2021 15:00hrs** by **Indian Postal Service** only.
3. Please address your offer to: **S.R.Satre, SO/E, Hall-5, AMMD, BARC, Trombay, Mumbai-400 085.**
4. The quotations are to be sent in a sealed envelope with the following information marked

- on top of the envelope: "Quotation for **Programmable Isolated Temperature Transmitter**"
5. Offers sent by telegram, telex, fax or e-mail will **not** be considered.
 6. All taxes should be mentioned clearly.
 7. **Payment Terms:** Accounts Division, BARC Mumbai-400085 shall make full and final payment only after submission of the satisfactory work completion certificate & site clearance certificate issued from the undersigned, bill, delivery challan and advanced stamped receipt. No advance payment is admissible.
 8. **GST/PAN Number:** Quotation shall consist of GST Registration Number registered with local GST authority, PAN number of the firm, service tax registration number etc.
- **GST: @5%**
- **Interstate** transaction for R&D will attract **IGST @ 5% only** as per notification No. 47/17-Integrated Tax (Rate) dated 14.11.2017.

OR

- **GST Exemption Certificate:** Kindly note that, the items intended to procure attracts concessional rate of GST as per CBEC Notification no. **45/2017** dated 14-11-2017.
9. **Income tax @ 2%** will be deducted of basic cost i.e. for ₹.30,000 & above.
 10. **GST TDS @ 2%** of basic cost i.e. for ₹. 2,50,000 & above.
 11. Undertaking regarding GST payment has been promptly deposited in the respective accounts.
 12. *Declaration/undertaking regarding confirmation of filing of ITR from immediate two preceding years within due date as per section **139(1)** of the Income-tax Act, 1961 and I/we does not fall under the definition of '**specified person**' as provided in section **206AB** of the IT Act.
 13. 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.
 14. **Penalty:** Any delay which attributable to the contractor is liable for penalty @ 0.5 % per week (max **10 %**) to be imposed on contractor.
 15. Quotation should be in the printed letter head /quotation format which should consist of GST Registration Number, PAN Number of the firm, Service Registration Number, etc.
 16. Quotation shall be signed by proprietor or authorized person and affix company seal.
 17. Computer generated quotation form will not be accepted.
 18. Income Tax @2%, surcharge on IT as applicable and educational cess @3% (on IT & surcharge) will be deducted at source from your bill
 19. Offer should be on free delivery basis to DEED Complex Zonal Stores, BARC, Trombay-85.
 20. Delivery period should be mentioned with all the possible consideration.
 21. Payment will be made within 60 days from the date completion.

Yours sincerely,



S.R. Satre, SO/E
PDL/AMMD