

दूरभाष :
TELEPHONE :
तार : बार्क-मुंबई, चेम्बूर.
TELEGRAMS : BARC-MUMBAI, CHEMBUR.
फेक्स संख्या : ९१-२२-२५५० ५१५१
FAX NUMBER : 91-22-2550 5151



टॉम्बे,
मुंबई-४००.०८५.
TROMBAY,
MUMBAI-400 085.

भारत सरकार
GOVERNMENT OF INDIA
भाभा परमाणु अनुसंधान केन्द्र
BHABHA ATOMIC RESEARCH CENTRE
URANIUM EXTRACTION DIVISION

South Site,
Trombay,
Mumbai – 85

Ref: UED/PI.13/22/39558

Date: 12th april, 2022

TENDER No: BARC/UED/BR/22007
TENDER DUE DATE: 25th April 2022

Sub: Preventive maintenance, testing and installation of field instruments and associated hardware

Dear Sir/ Madam,

Quotations are invited on behalf of Head, Uranium Extraction Division in sealed envelope for "Preventive maintenance and onsite calibration of field instruments". Please note that quotations received through Registered/Speed Post of India Postal service will only be accepted. Interested bidder may contact the undersigned for any further clarification.

1. **Scope of Work and Quantity:** The scope of work includes the followings:

| Sr no | Scope of work | Technical Specification | Quantity |
|-------|--|---|----------|
| 1 | On site testing and calibration of pressure transmitter | <ul style="list-style-type: none">• Instrument Type: Smart Pressure transmitter and Smart Differential pressure transmitter and Pressure gauges• Calibration mode = HART & non- HART• Range- 0-500mmwc, 0-10kg/cm²• Calibration check- Loop test and Pressure calibration. All required calibrators (HART & non-HART) and devices should be provided by the vendor• Procedure- As per IEC 60770 (Provisional)• Frequency – 2 times in 6 months interval, * See special notes | 50 nos |
| 2 | On site testing and calibration of level transmitter (Twice in a year) | <ul style="list-style-type: none">• Instrument Type: Smart Non contact Level transmitter and analogue contact type level transmitter• Range- 0-5 m• Calibration mode = HART & non- HART• Calibration check- Loop test and Level calibration. All required calibrators(HART & non-HART) and zig should be provided by the vendor• Procedure- As per IEC 60770 (Provisional)• Frequency – 2 times in 6 months interval, * See special notes | 30 nos |
| 6 | Preventive maintenance of Gas distribution | <ul style="list-style-type: none">• Cleaning of internal pipelines and fittings.• Leak testing, Pressure testing and SS impulse lines and nitrogen lines (approximately 200m) | 2 sets |

| | | | |
|---|---|--|-------|
| | panel rotameter & pneumatic tubing (Twice in a year) | <ul style="list-style-type: none"> • Removal and reinstallation of all pneumatic tubing (8 mm size) and replacement with new tube. New tubes should be supplied by the vendor. • Removal, cleaning, hydraulic testing and reinstallation of flange mounted rotameters (12 nos) | |
| 7 | On site installation of Electromagnetic flowmeter at UMRT | <ul style="list-style-type: none"> • Cutting of existing pipeline • Installation of 2"-1" reducer and 1"-2" expander • Installation of electromagnetic flowmeters • Leak testing • Laying, termination of control and instrumentation wiring • Configuration and commissioning | 4 nos |

Special Note: The job will be executed in a chemical plant consisting of different processes. To calibrate a device/instrument, the corresponding process will require a shutdown. Hence the job will be divided in several parts and each part will be completed in campaign basis. **Each campaign will last for minimum 2 months and there will be minimum 6 months** interval between successive campaign. The vendor's engineer should be available at our site during the entire period to fulfil work requirement. One campaign will include calibration of all (50 + 30) instruments and **there will be two campaigns** in the period of work order.

The total period of job will be spread over approximately 4 months. The technician from the vendor will be called through a 'calibration request' at least 2 days in advance after clearing the site for maintenance. The 'calibration request' will be sent over email and a tentative span (in days) will also be mentioned by the purchaser. The vendor should report to the request immediately along with confirmation on their visit. For any technical details and drawing supplier is requested to communicate the undersigned.

Vendor should have valid PVC for all workers and Security clearance from BARC. Copy of security clearance certificate and PVC of workers should be attached with quotations.

3. Materials: All materials for are to be purchased and used by the supplier as per supply and install quantity. No Free Issue of Material (FIM).

A. Note: [Reference: (2/Misc-9/Lgl/2001/92 dated April 30, 2001, BARC)]

- 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 "Propriety" 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, TV or Internet without the prior written approval of BARC.
- B. PRICE:** Offered cost should be including the entire scope of work (materials, fabrication, testing, documentation, taxes, packing & forwarding etc). Maximum possible price break-up and unit rates should be mentioned in the offer. Extra job, if any, will be on pro rata basis only.
- C. VALIDITY:** Price should be valid throughout the currency of the contract.
- D. TAX:** As applicable, should be clearly indicated in the offer.
- E. Warranty:** The complete work should be warranted against any performance issue for a period 1 years from the date of installation.

F. JOB COMPLETION: Within 11 months days from the day of issue of work order.

G. PAYMENT: 100% including taxes after receipt of the unit at our site, successful commissioning and submission of the following documents:

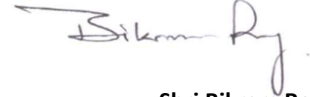
1. Delivery challan.
2. Advance Stamped Receipt.
3. Original Bill,
4. Guarantee certificate.

J. SAFETY: The vendor should abide by all industrial safety rules and safety instruction imposed by BARC. The vendor should not perform any unsafe work and BARC will not be responsible for any loss/damage arising due to unsafe working procedure.

K. LABOUR DISPUTE: The contractor should take care of all deals and disputes related to workers. BARC will not be responsible for any loss/damage/delay due to any arising labor conflict.

J. NOTE TO THE BIDDER: The supplier must possess valid PVC, working permit/License/Security clearance to work inside BARC premises. Party should clearly mention the tender no, due date, party's name and subject on the top of the envelope duly sealed and addressed to Head, Uranium Extraction Division BARC, Trombay, Mumbai – 400 085. Proof of prior work (PO/ work order copy) should be attached with quotation. Vendors are requested to visit the site before submitting quotation for detailed understanding of the job. For site coordination vendors may please contact Shri Bikram Roy, SO/D, 25596422

Note: Please mention your PAN No, S.T. No & VAT TIN No with the offer. Otherwise the offer is liable for rejection.



Shri Bikram Roy

वैज्ञानिक अधिकारी / Scientific Officer
युरेनियम अखंडन विभाग / Uranium Enrichment Division
भारत सरकार / Government of India
भाग परमाणु अनुसंधान / Atomic Energy Establishment
बार्क, मुम्बई - 400085 / Trombay, Mumbai - 400085

On behalf of President of India

SO/E, PP&ES, UED, BARC

022 2559 6422

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