

AFD, BARC, Trombay
Mumbai - 400 085
Phone no. 022-25594966



GOVERNMENT OF INDIA
BHABHA ATOMIC RESEARCH CENTRE
ATOMIC FUELS DIVISION
FUEL ASSEMBLY SECTION

Ref: AFD/FAS/2018/OPA /105 882

29 May 2018
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Sub:- Integration of control panels & Modification of rod lifting system of CMTI Bar Turning Machine.

Dear Sir,

Your sealed offer is invited for & on behalf of President of India for the aforesaid subjects. The scope of work ,general specification, terms & conditions are enclosed in annexure I , Your offer in sealed envelope should be addressed to

**B Maharana,
Fuel Assembly Section
Atomic Fuels Division
BARC, Trombay,, Mumbai-400085.**

And duly marked with above reference no and due date on the sealed envelope, reach us on or before **18-06-18** by speed post/Registered post only.

Yours faithfully

Bholla
29.5.18
B Maharana
SA/E

Amit Sharma
Amit Sharma
SO/F

Rakesh Kumar
29/5/18
Rakesh Kumar
Head, FAS

Encl: 1. Annexure I

Specifications

Scope of work:

A. Integrated Panel Board:-

1. The Vender has to supply a single tilting type control panel board which comprises of all the existing features available in the machine panel boards.
2. The Vender has to dismantle the old electrical switches, worn parts of panel board, sensors, wirings, limit switches, fuses, Relay & replacing with a new set of the same for CMTI Bar Turner along with a new panel Board.
3. The machine shall be handed over to us in running conditions after the modification work is over.
4. All the materials to be used shall be of reputed brands. The supplier has to specify the brands of important items in the quotation itself. Multiple options with different makes in single offer will not be accepted.
5. The vender has to submit the new electrical wiring drawing of the panel board before commencing the work.
6. The vender has to make the PLC based programme for the rods lifting & shifting, from the job table & placing it on machine roller & pushing it against the machine to the required distance.
7. There should be linear measurement with feedback close loop system to be incorporated.

B. Modification in the rod lifting system:-

1. Dismantling & replacement of the rusted parts of material handling unit with new fabrication.
2. Fabrication & installation of a pneumatic rod lifting system.

Description

1. Jobs mentioned above will be executed in radioactive environment. Hence the supplier has to take necessary precautions as per the instructions given by the Health Physicist. Required PPE will be given by the department.
2. **Since the jobs are radioactive in nature, the working persons are required to take utmost care while executing the above mentioned work. The persons deputed for the work have to produce fitness certificate for the persons from a reputed MBBS doctor before commencement of work.**
3. Vender or his representative should visit our workshop on 07-06-18 or 08-06-18 before quoting for onsite assessment of type & volume of work involved. They should have to intimate at least 2 working days prior to their visit so that we will arrange for the entry permit certificate.
4. Persons having Police Verification Certificate will only be allowed to enter BARC premises hence the vender has to arrange for the same.
5. **Offers of the parties, who have not visited our workshop, will not be considered.**

General Terms and Conditions:

- a. Incomplete or vague quotations shall be rejected and no further communication shall be made from our side in this regard.
- b. Supplier shall give acceptance of order before starting the work and within one week of issue of work order to them.
- c. Any delay in supplying the unit, which is attributable to the contractor, is liable for penalty @1/2 % per week (max 5 %) to be imposed on the contractor.
- d. In case of any clarification required, parties may contact Shri B Maharana (SA/D), Atomic Fuels Division, BARC, Mumbai 400 085, Tel. No. 022 – 25594966.
- e. Income tax @2%, GST TDS 2% will be deducted from the Suppliers bill or whatever necessary will be specified at the time of placing the order.

- f. Payment will be arranged after satisfactory completion of work at BARC and on production of, a) Bills in triplicate, b) Advanced stamped receipt, c) Warranty/ Guarantee Certificate. Advance, Part Payment or against delivery cannot be made. Proposed payment terms from the firms cannot be accepted.

Confidentiality clause:-

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.

- I. "Restricted information" categories under Section 18 of the Atomic Energy Act 1962 and "Official Secrets" under Section 5 of the Official Secrets Act 1923. :-
- II. 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. :-
- IV. The contractor of 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, T.V. or Internet without the prior written approval of BARC.

Bhabha
27.5.18
B Maharana
SA/E

Amit Sharma
Amit Sharma
SO/F, AFD