

AFD, BARC, Trombay
Mumbai - 400 085



Government of India
BHABHA ATOMIC RESEARCH CENTRE
Atomic Fuels Division

Request for e-tendering

Date: 26 July 2017

Ref: AFD/FAS/17/OPA/130889

Please find enclosed enquiry copy for e-tendering.

Sub: Miscellaneous work at Machine shop of AFD

Requisitioner's Name: B Maharana

Designation: SA/D

Division: AFD


Section: FAS

Telephone No. 25594966

Email: bhakta@barc.gov.in


23/07/17
(Vivek Mishra)
SO/C


27/07/17
(Amit Sharma)
SO/F


27/07/17
(Rakesh Kumar)
Head, FAS

Head, SIRD
Central Complex
BARC

AFD, BARC, Trombay
Mumbai - 400 085



Government of India
BHABHA ATOMIC RESEARCH CENTRE
Atomic Fuels Division

Ref: AFD/FAS/17/OPA/130884

Date: 26 July 2017
27

for e-tendering

Sub: Miscellaneous work at Machine shop of AFD


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 & duly marked with above reference no. & due date on it should be addressed to

Vivek Mishra
Scientific Officer-C,
Atomic Fuels Division
BARC, Trombay, Mumbai-85.


and reach us on or before 18/08/2017 by speed post/registered post only.

Yours faithfully


27/07/17

Vivek Mishra
SO/C


27/07/17
Amit Sharma
SO/F


27/07/17
Rakesh Kumar
Head, FAS

Encl: 1. Annexure I

Specification

Scope of Work:-

- I. Cutting of $\text{Ø}16$ mm X 3500mm length rod from both Ends-Total Quantity 1050Nos @210/ month.
- II. Drilling of rods ($\text{Ø}16$ mm X 3500mm length) with $\text{Ø}8.5$ mm drill bit- Total Quantity 1050Nos @210/ month.
- III. Machining of tensile samples as per attached drawing-Total Quantity 20 Nos @ 4/ month.
- IV. Ingot Cutting- Total Quantity 40 Nos @ 8 /Month. The size of ingot is $\text{Ø}400 \times 400$ mm Weight-400 Kg & it should be cut into 16 pieces at a cutting rate of 10-12 cm^2/min .
- V. Billet Cutting- Total Quantity 1500 @300/Month. Billet size $\text{Ø} 75 \times 50$ - Total Quantity 1250@250/month & $\text{Ø} 75 \times 100$ - Total Quantity 300 @50nos/month at a cutting rate of 10-12 cm^2/min
- VI. Assistance in Straightening, Threading , Material Handling etc operations at Machine shop of AFD.
- VII. Ends Cutting of Rods from both end as per requirement Total Quantity 1050Nos @210/ month.
- VIII. Chips samples to be taken from rough cut billets ($\text{Ø} 75$)- Total Quantity 150 nos @30/ month.
- IX. Cleaning of the following:-
 1. Machine shop using soap & water with cleaning machine(Area approximately- 800 Sq Mtr)-Once in a month.
 2. Graphite workshop with vacuum cleaner (Area approximately-180Sq Mtr)- Once in a fortnight.
 - 7 Machines in Graphite workshop- Once in a week.
 - Cyclone separator, Hopper & air lock valve-once in a fortnight.
 - Filter bags (10 Nos)- once in a fortnight.
 - Removal of Graphite from inlet & outlet duct lines.
 - The party has to put all the Graphite dust in plastic bags & store it at the designated place. Plastic bags will be supplied by department.
- X. Persons carrying out the above jobs should take all the safety precautions as per HP requirements. Since the work has to be carried out in radioactive premises, Persons while handling the materials will be required to report to Health Physics, AFD before & after their work.
- XI. The party has to use recommended tool & machine settings to avoid premature failure of tools. Rejection rate for cutting operation shall be nil & maximum 5% for other machining operation. The persons working at machine shop will have to

wear all the PPE's Which include Half face respirator, Safety Shoe, Boiler suit, Hand gloves etc.

- XII. Materials, tooling, Machines & PPEs (Boiler suit, Respirator & hand gloves only) will be provided by BARC.
- XIII. The party has to clean the machine & surrounding thoroughly before leaving the machine at the end of shift.
- XIV. The party has to provide minimum 3 skilled & 1 semiskilled persons for the work on daily basis on all working days regularly till completion (5months).
- XV. Payment will be released only after completion of 5 months.

General Terms & conditions

- 1. Party should visit our workshop 02-08-2017 to 04-08-2017 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.
- 2. Since the jobs are radio active in nature, utmost care shall be taken while handling it,& the persons have to produce fitness certificate for the persons from a reputed MBBS surgeon for working inside BARC premises.
- 3. Parties having PVC will only be allowed to enter BARC premises hence they have to arrange for the same.
- 4. 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 Vivek Mishra (SO/C), Atomic Fuels Division, BARC, Mumbai 400 085, Tel. No. 022 – 25594637 .
- e. Income tax @2%, surcharge on IT and education Cess as applicable 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.


25/07/17
Vivek Mishra

SO/C,FAS,AFD


25/07/17
Amit Sharma

SO/F,FAS,AFD