Government of India
BHABHA ATOMIC RESEARCH CENTRE
ATOMIC FUELS DIVISION

Ref: AFD/MWS/ENQ/16/OPA/186715 December 8 , 2016

Sub: Supply and Casting of refractory of existing Vacuum Melting furnace Coil

Dear Sir/Madam,

Sealed quotation is invited for Supply and Casting of refractory of existing Vacuum Melting furnace Coil for & on behalf of President of India as per the description and terms and conditions given below:

1.0 Description: Supply and Casting of refractory of existing Vacuum Melting furnace Coil

2.0 Scope of work; Supply and Casting of refractory of existing Vacuum Melting furnace Coil as per given details**:**

Quantity : 3 Nos.

2.1 Details of existing Induction Coil
ID: 330 mm +/- 2 mm
OD: 394 mm +/- 2 mm
Number of turns: 9
Height: 375 mm

2.2 Removal of refractory embedded coil from the furnace chamber, breaking of existing deteriorated refractory cement layer from coil, cleaning of coil followed by hydro test for 5 kg/cm^2.

2.3 Refractory embedding – The induction coil shall be embedded in high alumina cement (Low Castable Cement – RPL-LC-96 or Equivalent) to withstand the operating temperature of 1600°C.

2.4 Final dimensions of refractory embedded induction coil
ID = 290 mm
OD = 455 mm
Depth: 400 mm (inside)
455 mm (outside)

2.5 Induction Coil is to be taped with fiberglass tape before embedding, maintaining the uniform gap throughout

2.6 For embedding of coil aluminium mould / template is to be made for required refractory casting dimensions.

3.0 Terms and conditions:

a. All dimensions/ details specified in the technical specifications and in the sketch are indicative only. Hence, suppliers are requested to visit the site at Atomic Fuels Division, BARC, Trombay, Mumbai-400085 for on-site measurement and detailing, before submitting the quotation. Prior intimation of visit should be provided at least 3 days before visit to:
C. B. Rai, MWS, Atomic Fuels Division, BARC, Trombay, Mumbai – 400085
Contact : 022-25594962
Email :cbrai@barc.gov.in

Quotations from suppliers/vendors, who have not visited the site, will not be considered.

The visit will be approved only after verification of credentials of the visitor. The visit may be carried out between 26/12/2016 to 28/12/2016, i.e. between Monday to Wednesday, 09:00 am to 4:00 pm. No visitor will be entertained before 26/12/2016 and after 28/12/2016.

b. The contractor and/or his personnel visiting for the above job should have valid police verification to work in BARC, Trombay, Mumbai.

c. The contractor and /or his personnel are not allowed to move inside BARC without the escort to person from the department.

d. Persons carrying out above job will be required to report to health physicist, AFD, before commencement of work and after completion of work.
e. Persons carrying out above job should take all safety precautions required to carry out the said work.
f. Necessary physical protection such as mask, hand gloves and safety shoes are required to be worn by the contractor`s personnel.
g. Personnel working at site should carry out cleaning of site and its surrounding at regular intervals, maintain safe and hygienic work environment.
h. Supply and Casting of refractory of Vacuum Melting furnace Coil shall be completed within a period of **One Month** after the placement of order.
i. The payment shall be made after satisfactory completion of works and on receipt of the following documents:
   i) Advance stamped receipt
   ii) Bill in triplicate (the bill shall clearly indicate taxes, if any)
   iii) Delivery challan
   iv) Guarantee Certificate for workmanship for a minimum period of One Year shall be provided.
   v) For payment through **ECS/RTGS**, required form shall be filled and submitted along with pre - stamped receipt.
j. Quotations are to be printed in letter head/quotation format mentioning Sales Tax Registration Number registered with local ST authority/ CST authority, PAN of the firm, Service Tax Registration Number.
k. The quotation should clearly mention the name of signatory and should bear company seal.
l. Quotations shall be sent only by Registered Post/ Speed Post.
m. There will not be any Free Issue Material (FIM).
n. Confidentiality clause to be submitted as per the annexure.
o. Income tax @ 2 % will be recovered from your bill.
p. Any delay which attributable to the supplier is liable for penalty @ 0.5 % per week (Max 5.0%) to be imposed on the party.

4. Declaration to be submitted along with the offer.

The prospective supplier shall declare as to whether he has any relative working in BARC, or himself is an ex-employee of BARC, or has an ex-employee of DAE on his pay rolls.

5. The quotation, typed on a printed letterhead shall reach in a sealed cover superscribing enquiry no. and date to the undersigned at the address given below on **16/01/2017** before **1200 hrs.**

C. B. Rai
Scientific Officer/E
Atomic Fuels Division
Bhabha Atomic Research Centre
Trombay, Mumbai – 400085

Thanking you,

Yours faithfully,

(C.B. Rai)
Scientific Officer/E
For & on behalf of The President of India

Annexure

Confidentiality Clause

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 "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 consent of the original disclosing party.
This cause 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 prior written approval of BARC.