



Government of India
BHABHA ATOMIC RESEARCH CENTRE
Accelerator and Pulse Power Division
Mumbai-400085- INDIA



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Ref.: BARC/APPD/AS/2017/294

Date: 10-11-2017

Subject: Inviting quotations for fabrication and supply of high voltage energy storage disc capacitors .

You are requested to quote for the fabrication and supply high voltage energy storage disc capacitors as per the following specifications as per given specification in Annexure - I.

S. no.	Description	Quantity
1.	High voltage energy storage disc capacitors 5nF, 50kV Detailed drawing is given in Annexure - I	30

1) For any clarifications the supplier can contact Shri S.Mitra SO/F, APPD / Sh. Senthil K, SO/E, APPD on any working day (Monday to Friday) on telephone Nos. 25590173/0166 or email: sabyam@barc.gov.in.

2) Payment for the above work will be made after satisfactory completion of job and on production of bill & advanced stamped receipt along with the copy of registration. No advance payment will be made for this work since ours is a Government organization. Income-tax @2% & surcharge on Income-tax @15% will be deducted from the bill and a TDS (tax deducted at source) certificate will be issued as per Income-tax rules. Suppliers should submit their offers along with the following information.

(a) period of validity, terms & conditions of the offer, (b) Approximate period of completion of the task and (c) copy of the registration and income-tax clearance certificate.

Additional Information:

Your sealed quotation (in your letter head) including all details, like taxes to be paid, transport charges etc., duly indicating our reference number mentioned above, due date on the envelop, may be sent to "**Head, APPD, Engg. Hall No.4, Trombay, MUMBAI-400085**", by 1400 hrs on or before, **27th November, 2017**. It is requested that the tender must be sent by Speed-post only, so that it can reach us in time. The quotations received after the due date & by FAX/email/courier will not be considered.

Yours faithfully,

(R. K. Rajawat)
AD, BTDG , BARC

Copy to: A.P.O., GSS Section, Central Complex, BARC.

Annexure -1

Important points for fabrication of high voltage energy storage disc capacitors:

1. 8 layers of Mylar sheet of thickness 150micron should be sandwiched between two SS discs of 2mm thick as per drawing.
2. Two SS discs should be held tightly to avoid air gaps in between the mylar layers, if required vacuum pumps should be used.
3. Assembly should be epoxy casted in vacuum conditions.
4. Two such fabricated disc capacitors should be delivered for testing purposes.
5. Remaining disc capacitors should be fabricated only after successful testing of two capacitors.
6. Metal parts should be free from all burrs and sharp edges to avoid corona during high voltage usage.
7. These products will be used for extreme high voltage applications, hence best working practice must be followed while fabricating them.
8. Epoxy casting must be carried out in a dust free environment.

