

GOVERNMENT OF INDIA
BHABHA ATOMIC RESEARCH CENTRE
Chemical Technology Division

CEL-5, Trombay,
Mumbai -85

Ref.: CTD/ABC/19/446

Date: 16/05/2019

To, 17

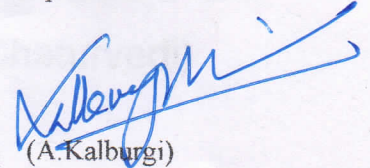
Sub: **Compression Shock Testing of Aluminium foam samples (Qty: 20 Nos)**

Dear Sirs,

1. Quotations are invited for Shock testing job as per the enclosed specifications .
2. The bidder shall quote for only testing of these components as samples for testing shall be provided by BARC which will be collected back by BARC once the testing are over.
3. Taxes shall be quoted separately. The quotation shall reach Head, Chemical Technology Division latest by 07/06/2019 5.00 p.m. in a sealed envelope superscripted with the above reference number and due date given above. Also name of the work shall be displayed on the envelope.
4. Address on the envelope shall read

**The Head , MDS/Chemical Technology Division,
Bhabha Atomic Research Centre,
CEL-5, Trombay-400085
Kind Attn: Sh. Abhay Chaturvedi (SO/F)**

5. **The shock testing shall be subject to inspection by our engineer.**
6. The bidder shall complete the testing with in 6 months from the date of firm Work order issued to the bidder. **The samples for testing shall be brought to the vendor's place by BARC Personnel and will be taken back to BARC also by BARC Personnel.**
7. The Head, Machine Dynamics Division, B.A.R.C. reserves the rights to accept or reject any or all quotations without assigning any reason.
8. You must quote your firm's PAN, VAT and TAN Reg. nos. in your quotation. Otherwise quotation will be considered as invalid.
9. No FIM shall be issued.
10. Quotations must be sent via speed post or registered post of the postal department of Govt. of India.



(A. Kalburgi)
Head, CTD

श्री. ए. के. कलबुर्गी/Shri A. K. Kalburgi
अध्यक्ष, रसायन प्रौद्योगिकी प्रभाग
Head, Chemical Technology Division
भा. प. अ. केन्द्र/भारत सरकार
B. A. R. C./Govt. of India
मुंबई/Mumbai - 400 085.

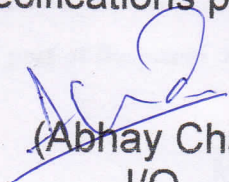
DEPARTMENT OF INDIAN
BARC ATOMIC RESEARCH CENTER
Central Training Group

CELL 3 Training

Specifications for Compression shock test of Al foam samples
(20 Nos.)

1. Low velocity Drop weight tests need to be carried out utilising Shock testing m/c at room temperature to evaluate structural response. Shock pulse of 1500g (approx.) of half-sine wave pulse triangular type of 3-4 milliseconds.
2. Output shall be in the form of acceleration-time graph. Excel data points to be provided when asked.
3. Detailed report in soft copy as well as hard copy to be submitted at the end.
4. Transmitted acceleration to be measured using shock accelerators.
5. Samples to be returned to BARC personnel post testing.

Specifications prepared by


(Abhay Chaturvedi)

I/O