

GOVERNMENT OF INDIA
BHABHA ATOMIC RESEARCH CENTRE
Machine Dynamics Division

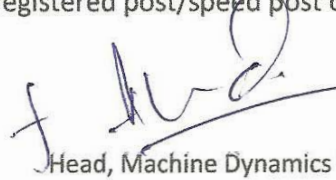
CEL-5, Trombay
Mumbai-85
Date: 10/01/2018

Ref: MDD/ABC/2018/ 63

Sub: Minor Fabrication Invitation of Quotation for
Compression testing (static and dynamic) of 20 numbers of metal foam samples
as per attached specifications

Dear Sir,

1. Quotations are invited for the minor fabrication job as per the enclosed specifications.
2. The work shall be subjected to inspection by the purchaser or his authorized representative.
3. The bidder shall take all the necessary safety precautions during work and they shall be responsible for any damage or accidents. No compensation in any case will be paid by the department to the bidder.
4. Taxes and excise duties shall be quoted separately.
5. The quotation must reach Head, Machine Dynamics Division by **29/01/2018** and must be sent in sealed envelop superscribed with the above reference number and due date mentioned. Also the name of work should be displayed on the envelop.
6. The address on the envelop should read: **The Head, Machine Dynamics Division,
Bhabha Atomic Research Centre, CEL-5,
Trombay, Mumbai-400 085
Attn: Abhay Chaturvedi (SO/F)**
7. The bidder shall have to take an insurance policy against any material issued to him by the purchaser.
8. The Head, Machine Dynamics Division reserves the right to accept or reject any or all quotation without assigning any reason.
9. The bidder shall mention GST registration number and PAN number.
10. The quotations must be sent by Govt. of India registered post/speed post or only.




Head, Machine Dynamics Division

TECHNICAL SPECIFICATIONS

Specification sheet for compression testing (static and dynamic) of 20 numbers of metal foam samples of dimensions approx. 20 x 20x 6mm

1. Testing to be carried out as per ASTM E9-09 or equivalent.
2. Detailed reports to be provided both in soft as well as hard copy.
3. Data points to be provided in excel data sheet.
4. Values such as young's modulus, energy absorption up to densification, yield point need to be provided.
5. Drop weight testing need to be carried out at room temperature on 8 no. of samples to understand the low velocity impact behavior.
6. Samples need to be returned to BARC post testing.
7. The metal foam samples for testing shall be issued as FIM to the vendor for which the vendor needs to secure insurance policy worth Rs. 20000/-.


(Abhay Chaturvedi.)
SO/F