



INDIAN INSTITUTE OF TECHNOLOGY KANPUR
DEPARTMENT OF CIVIL ENGINEERING
 STRUCTURAL ENGINEERING LABORATORY

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 Senior Scientific Officer

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29 August 2012

Enquiry no. CE/STR/2011-12/AUG/01

Low Weight High Force Modal cum Electro-dynamic Shaker
for Low Frequency Applications

For our Structural Engineering Laboratory, we would like to purchase a *Low Weight High Force Modal cum Electro-dynamic Shaker* for low frequency applications. Following are the basic technical specifications required for the proposed system:

- | | |
|---|--|
| ➤ Force capacity of 300 - 400 N | ➤ Frequency range: DC-1000 Hz |
| ➤ Maximum acceleration : 50 g | ➤ Low weight: 10-15 kg |
| ➤ Maximum velocity : 1.5 m/s | ➤ Compatible Power Amplifier and accessories |
| ➤ Displacement peak to peak: 25 mm | |

In addition to above mentioned general basic requirements the proposed shaker should be supplied with all necessary accessories for its use for forced vibration testing of experimental models as well as prototype structures. Kindly send your offer for the above mentioned system mentioning the following:

1. Cost of the item including free installation and service for three years
2. Cost of additional optional accessories/add-on modules must be mentioned separately
3. The price should be quoted on ex-works (for Indian manufacturer) and FOB basis (for overseas manufacturer) along with maximum possible *educational discount*
4. The freight/shipping/documentation etc. costs are to be mentioned separately
5. Technical specifications in detail
6. Warranty & Delivery period
7. Proprietary certificate, if applicable
8. Terms and conditions of supply and after sales service
9. Any other relevant details

An early reply latest by 10 September 2012 will be highly appreciated.

For any further information/clarifications in this regard, please write back to us at the following emails: samitrc@iitk.ac.in or kunwar@iitk.ac.in.

Thanking you,

Sincerely

K.K. Bajpai

Note: The last date of submission has been extended up to 17.9.2012