

Instrument Design Development Centre Indian Institute of Technology Delhi

Date 10/10/2012

Sub: NOTICE FOR INVITING QUOTATIONS (NIQ) FOR Vibration isolation table with a set of four vibration isolators and a compatible air compressor

Instrument Design Development Centre, IIT New Delhi and requires Vibration isolation table with a set vibration isolators and a compatible air compressor. Kindly send Technical and commercial bids in the separate sealed envelopes. Your bids must reach the address given below on or before **26-10-2012.**

Specifications:

| Name of the item | Specifications |
|--------------------------------------|---|
| a. Vibration isolation optical table | <ol style="list-style-type: none"> 1. Vibration isolation table top of ~ 8 x 5 feet, 2. Mounting holes: M6 holes on 25 mm grid 3. Surface flatness ± 0.004 in. over 2ft. square 4. Hole Sealing with non-corrosive high impact polymer material 5. Max. Dynamic Deflection Coefficient $< 0.5 \times 10^{-3}$ 6. Max .Relative Motion Value between two extreme points on the table at the natural frequency $< 4.0 \times 10^{-9}$ in. 7. Deflection under Load (of ~ 100 kg) $< 6.0 \times 10^{-5}$ in. |
| b. A set of four vibration isolator | <p>A set of vibration isolator support (a set of four supports)</p> <ol style="list-style-type: none"> 1. Height ~ 25 to 30 in 2. Load per Isolator 2000 lb (900 kg), 3. Re-leveling Accuracy ± 0.010 in. 4. Air Pressure range 20-85 psi (1.4-6.0kg/ cm^2), 5. Vertical isolation efficiency at 5 Hz ~90% and at 10 Hz ~97% 6. Horizontal Isolation efficiency at 5Hz~85% and at 10 Hz ~95%, 7. Vertical Resonant Frequency ~1.1Hz |
| c. Air compressor | <p>A compatible low noise (35 dB at 1 m) air compressor with Max. air pressure ~7.0kg/ cm^2 (~100 psi)</p> <p>Physical dimensions ~ 15 x 15 x 15 in</p> |

Terms and conditions covering submission of quotations:

- Supply all technical specifications and model number.
- Kindly quote the rates for F.O.B New Delhi prices.
- Validity of the quotation should be at least for a period of three months.
- Clearly indicate whether the prices are inclusive of all taxes. Otherwise indicate all taxes

separately.

- Letter from manufacturer to be attached for authenticity of dealership/agency.
- The technical and financial bids should be sealed in separate envelopes before putting them together in the sealed cover.
- Payment terms: Letter of credit OR Payment against delivery (Wire Transfer after receipt of item).
- IIT Delhi reserves rights of acceptance or rejection of any or all quotations.
- Quotations should be sent to

Dr. Gufran Sayeed Khan
WS-140, IDDC, IIT Delhi
Hauz Khas, New Delhi -110016, India.