



INDIAN INSTITUTE OF TECHNOLOGY, KANPUR

GT ROAD, KALYANPUR, KANPUR – 208016

UTTAR PRADESH, INDIA

Global Tender Enquiry Ref. No.: IITK/60

TENDER REFERENCE NO.: IITK/BSBE/AP/2021-2022/NC-21

BID SUBMISSION END DATE- 21.01.2022

TENDER DOCUMENTS

For

“Purchase of Anti Vibration Air Table with Faraday Cage”

BID DOCUMENT

The Indian Institute of Technology Kanpur (“the IITK”) invites Bids (“Bids”) from eligible, qualified and capable companies for the supply and delivery of “the Goods” and provision of associated services (“Associated Services”) according to the requirements as defined in the Tender document.

Name of Work	Purchase of Anti vibration Air table with Faraday Cage
Date of Publishing	24.12.2022 (16.00 hrs)
Clarification Start Date and Time	24.12.2022 (16.00 hrs)
Clarification End Date and Time	21.01.2022 (16.00 hrs)
Queries (if any)	No queries will be entertained after clarification end date and time
Bid Submission Start Date	24.12.2022 (16.00 hrs)
Last Date and time of uploading of Bids	21.01.2022 (16.00 hrs)
Last Date and time of submitting , EMD and other documents at IIT Kanpur (if any)	NA
Date and time of opening of Bids	24.01.2022 (10.00 hrs)

Interested parties may view and download the tender document containing the detailed terms & conditions from the website <http://eprocure.gov.in/epublish/app>

Tender document

Department of Biological Sciences & Bioengineering
Indian Institute of Technology Kanpur
Kanpur (UP) 208016 India

Enquiry date: **December 24th, 2021**

Enquiry No: **IITK/BSBE/AP/2021-22/NC-21**

Sealed quotations are invited for **Anti Vibration Air Table with Faraday Cage**. The detailed specification is described below.

Specifications of the Anti vibration Air Table with Faraday Cage:

Honeycomb Tabletop: Thickness: 150 mm

Top Skin: 5mm thick magnetic SS

Bottom Skin: 5 mm thick epoxy coated MS

Core: Honeycomb core made of 0.3mm Aluminium sheet.

Core Cell size: 6sq.cm (Approx)

Flatness of the top: +/-0.1mm over 300mm x 300mm area (non-cumulative error)

Mounting holes: M6 tapped holes on top on 25mm grid.

Distance of the first row of mounting holes from the edge: 37.5mm.

Nylon cups are fixed under each tapped hole for the protection of the core.

Bonding: By custom semi-solid epoxy.

Side walls: Compressed wooden particle boards to dampen acoustic vibrations.

Side wall finish: Black mat finish by black form sheet.

Passive Support(Automated Pressure & Level Controlled)AVI203S Series

AVI203S-4 contains an isolation system that effectively isolates the optical table from vertical

and horizontal vibrations throughout the critical 3 to 50 Hz frequency range since most common

large-amplitude sources of vibrations found in laboratories vibrate within this range of frequencies. If the source of compressed air is removed, the Optical Tabletop will lower until it

securely rests on the supports and the table will no longer be isolated from floor vibrations.

The

active optical table supports can be used to dramatically reduce the vibrations transmitted to an

optical table setup in a noisy environment.

Vertical Resonant Frequency	: 1.25 Hz
Horizontal Resonant Frequency	: 1.0 Hz
Vertical Transmissibility at Resonance	: 10dB
Horizontal Transmissibility at Resonance	: 12dB
Vertical Transmissibility at 5Hz	: -20 dB (90%)
Horizontal Transmissibility at 5Hz	: -24 dB (94%)

Vertical Transmissibility at 10Hz	: -32.5 dB (97.5%)
Horizontal Transmissibility at 10Hz	: -30 dB (97%)
Maximum Load Capacity (set of four)	: 600-800 kg
Height Adjustment Range	: -0.51", +0.2" (-13 mm, +5 mm)
Self Leveling Repeatability	: ±0.02" (0.5 mm)
Height	: 23.6" & 27.5" (600 & 700 mm)
Air Pressure (Maximum)	: 80 psi (551 kPa)
Finish	: Black Paint
Note: Compressor included	

Quotations must be addressed to:

Dr. Appu Kumar Singh
Lab18

Department of Biological Sciences & Bioengineering
Indian Institute of Technology Kanpur
Kanpur 208 016, India
Email: singhappu@iitk.ac.in, nkhullar@iitk.ac.in

Terms and Conditions:

1. All equipment must be compatible with Indian electrical standards and codes. Engineering documentation on the physical sizes and weights of all major and minor components must be submitted.
2. IIT Kanpur is fully exempted from payment of GST on Imported Goods against our DSIR certificate.
3. IIT Kanpur is partially exempted from payment of Customs Duty (We will provide Custom Duty Exemption Certificate, CD applicable is 5.5%).
4. TENDER Specific Manufacturer Authorization Form from OEM Required.
5. The Institute reserves the right of accepting or rejecting any/all quotations without assigning any reason thereof.
6. All prices should be **F.O.R.**
7. Installation by OEM is preferred.

TENDER ACCEPTANCE LETTER
(To be given on Company Letter Head)

Date: _____

To,

Sub: Acceptance of Terms & Conditions of Tender.

Tender Reference No: _____

Name of Tender / Work: -

Dear Sir,

1. I / We have downloaded / obtained the tender document(s) for the above mentioned 'Tender/Work' from the web site(s) namely:
_____ as per your advertisement, given in the above mentioned website(s).
2. I / We hereby certify that I / we have read the entire terms and conditions of the tender documents from Page No. _____ to _____ (including all documents like annexure(s), schedule(s), etc .), which form part of the contract agreement and I / we shall abide hereby by the terms / conditions / clauses contained therein.
3. The corrigendum(s) issued from time to time by your department/ organisation too have also been taken into consideration, while submitting this acceptance letter.
4. I / We hereby unconditionally accept the tender conditions of above mentioned tender document(s) / corrigendum(s) in its totality / entirety.
5. I / We do hereby declare that our Firm has not been blacklisted/ debarred/ terminated/ banned by any Govt. Department/Public sector undertaking.
6. I / We certify that all information furnished by our Firm is true & correct and in the event that the information is found to be incorrect/untrue or found violated, then your department/ organisation shall without giving any notice or reason therefore or summarily reject the bid or terminate the contract, without prejudice to any other rights or remedy including the forfeiture of the full said earnest money deposit absolutely.

Yours Faithfully,
(Signature of the Bidder, with Official Seal)

Declaration for Local Content

(To be given on Company Letter Head - For tender value below Rs.10 Crores)

(To be given by Statutory Auditor/Cost Auditor/Cost Accountant/CA for tender value above Rs.10 Crores)

Date: _____

To,
The Director,
Indian Institute of Technology Kanpur,
GT Road, Kalyanpur, Kanpur -208016

Sub: Declaration of Local content

Tender Reference No: _____

Name of Tender / Work: -

1. Country of Origin of Goods being offered: _____
2. We hereby declare that items offered has _____% local content.

“Local Content” means the amount of value added in India which shall, be the total value of the item being offered minus the value of the imported content in the item (including all customs duties) as a proportion of the total value, in percent.

*“*False declaration will be in breach of Code of Integrity under Rule 175(1)(i)(h) of the General Financial Rules for which a bidder or its successors can be debarred for up to two years as per Rule 151 (iii) of the General Financial Rules along with such other actions as may be permissible under law.”*

**Yours Faithfully,
(Signature of the Bidder, with Official Seal)**