



DEPARTMENT OF BIOTECHNOLOGY
Indian Institute of Technology Madras, Chennai. 600 036
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Ref: BT/RICHA/2022/003/SPL

Dt. 16.11.22

Date: 07.11.2022
Due Dt. 16.11.22

On behalf of IIT Madras, quotations are invited in two bid system, namely Technical Bid and Financial Bid for supply of Honeycomb Tabletop conforming to the specification given in Annexure-A

1 Quantity: 1 No.

2 PRICING TERMS:

Discount offered if any to be shown separately. GST Registration is mandatory. The price to be quoted should be Nett inclusive of GST, freight, delivery charges, etc.

3 VALIDITY

The Quotations should be valid for 90 days from the due date.

4 DELIVERY

The item to be delivered within One Month from the date of Purchase Order

5 PAYMENT

Within 21 days from the date of supply and acceptance of goods

6 BIDDER ELIGIBILITY CRITERIA:

The bidder shall not be from a country sharing land border with India and if the bidder is from a country sharing land border with India the bidder should have been registered with the competent authority as per orders of DIPP OM No. F. No. 6/18/2019-PPD dated 23rd July 2020, and MoCI Order No. P-45021/112/2020-PP (BE II) (E-43780) dated 24th August 2020. A declaration shall be submitted with the bid as per format given in **Annexure – D**.

7 NUMBER OF BIDS

The bidders should submit the bids in two bid system as detailed below:

Bid I Technical Bid

The technical bid should consist of Bidder Eligibility Criteria and technical specification as per Annexure- A along with the Technical Compliance Sheet as per Annexure -B

Bid II Financial Bid

The financial bid should be submitted as per the proforma (Annexure C). The Quoted price should be inclusive of all GST and duties, freight, etc.

8 SUBMISSION OF TENDER

Envelope 1 should contain signed tender document, filed technical compliance sheet as per format given in Annexure - A. This envelope shall be super-scribed as "Technical Bid".

Envelope 2 should contain Financial Bid. This envelope should be sealed and super-scribed as "Financial Bid".

All the above two envelopes, namely, Envelopes 1 and 2, must be placed in a larger envelope, sealed and should be super-scribed as "Tender for Honeycomb Tabletop. The bid should be **addressed to the undersigned so as to reach to the below address on or before the due date stipulated (16.11.2022 @ 5.00 PM).**

**BIO Tech. Office
Indian Institute of Technology Madras
Chennai 600 036**

9 EVALUATION OF BIDS:

Bid evaluation will take place in two stages.

Stage I: Technical Bid evaluation

1. Bidder Eligibility Criteria will be evaluated first and those bidders who have complied with this criteria alone be evaluated for the technical Specification evaluation.
2. In the 2nd stage, the technical specification offered by the bidders will be evaluated by the technical committee for compliance. The proposed technical specification offered by the bidder should be equivalent to the specifications mentioned in the technical bid.
3. Bidders who have fully complied with Bidder Eligibility Criteria and technical evaluation will only be considered for opening of financial bid.

Stage II: Financial Bid Evaluation

The financial bid evaluation will be based on price quoted by the bidder (BoQ). The tender will be awarded to the L1 bidder.

- 10** IIT Madras reserves the right to shortlist/reject any or all tenders and accept the whole or any part of a tender without assigning any reason.

SPECIFICATIONS

Honeycomb Tabletop

Size:1800mm x1200mm x200mm

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 Vibration Isolated support with interconnected legs (4-leg design)

The isolated legs are interconnected by pneumatic tubes for air filling. Air can be filled in the inlet valve in one of the isolators, once the air is pumped using a compressor, it is uniformly distributed to all the isolator legs. The pressure of air to be filled is 25-35 PSI. Air filters is provided to supply moist free air to the system to avoid condensation in air. Air is needed to be filled in the legs once in a week.

Isolated Supports isolates the table top from vertical and horizontal disturbances. The system has vertical and horizontal natural frequencies of 4-8 Hz and effectively isolates vibrations in the critical range of 10-50Hz. Portable electric air compressor is supplied along with the system.

- Other than the technical specification, Vendor should have a good track record of selling similar systems and should provide the list of at least 10 installations across India especially in institutes like IITs.
- Vendor should submit at least 3 performance certificates for similar systems.