

Indian Institute of Technology, Kanpur

Enquiry No: **IMGC/2014-15/MAR/01**

Enquiry Date: 13-03-15

DUE DATE

19-03-2015

Sealed Quotations are invited in two bid system (Technical bid and financial bid separately in sealed envelopes) for our upcoming Imaging centre lab. Detailed specifications, term and conditions and lay out of the labs are mentioned below:

TECHNICAL SPECIFICATIONS

S/no	ITEM DESCRIPTION	QTY	UNIT
1	Rectangular Workstations of size 1200mm X 600mm and height 1200mm	12	Nos
2	Cubicle Workstations of size 2700mm X 2400mm and height 1350mm	02	Nos
3	Free standing Pedestals/Drawer Units on wheels	14	Nos
4	CPU Trolley	14	Nos
5	Metal Key Board Pullout Tray with Mouse Tray	14	Nos
6	Table for Dining area of size 1018mm (W) X 1000mm (D) X 750mm (H)	1	Nos
7	Wooden Chair for Dining area	4	Nos
8	Computer Table of size 1200mm X 600mm with Pedestal/ Drawer	2	Nos
9	Computer Chair Revolving Mid Back	2	Nos
10	Over Head Storage Units of size 900mm	12	Nos

Quantity of items can be changed in actual

MODULAR FURNITURE

➤ Scope of Work

- Providing and placing spine and fin based modular workstation, with partition thickness as 52.4 mm thickness and height - 1200/1353mm including powder coated aluminum trims and Over Head Storage units.
- Supply & Installation of Dining Table, Dining Chairs, Computer Table and Computer Chairs.

➤ Basis of Work

- It is the intent of this specification to use specified make list as the standard of construction for Modular Office furniture. The construction standards of this product line shall provide the basis for quality and functional installation.
- IIT Kanpur reserves the right to reject qualified or alternate proposals and to award based on product value where such action assures the owner greater integrity of product.
- Participants in the quotation process have the option of clarifying deviations to the specified design, construction or materials. Without such clarifications, sealed quotations to IIT Kanpur will be construed as being in total conformance to the requirements of the specification.

➤ **Quality Assurance**

- The Modular Office furniture manufacturer shall provide work tops and casework all manufactured & shipped with proper packing & should take the full responsibility of the entire Scope of Works as specified in the tender.
- General Performance: Furniture shall meet the performance requirements and should be certified by BIFMA Level 2 standards of USA certification , certified from Indian Orthopaedic Association and AIOTA

➤ **Submittals**

- Manufacturer's Data: Submit installation instructions for each type of casework.
- Samples: Samples if called for will be reviewed for color, texture, and pattern only.
- Shop Drawings – Submit shop drawings for furniture assemblies showing the required details.

➤ **Products/Manufacturers**

- The selected manufacturer must warrant for a period of one-year starting (date of acceptance or occupancy, whichever comes first that all products sold under the contract referenced above shall be free from defects in material and workmanship.
- IIT Kanpur will retain the above samples of the successful manufacturer or owner to insure that material delivered to jobsite conforms in every respect to the samples submitted if need be.

3. WORKTOP

A. Modular Furniture

Main table should be rectangular and made of Pre Laminated Board 25 mm thick, Bavarian beech color with flat PVC lipping edge banding of size 1500 mm (W) x 750 mm (D) and ERU table recta of size 1050 mm (W) x 450 mm (D).

B. Computer Table

Main table should be rectangular and made of Pre Laminated Board of size 1500 mm (W) X 750 mm (D) and 18 mm thick, Teak color with all work surface edges sealed with 2mm thick PVC Edge banding.

C. Dining Table

Table should be rectangular and made of MDF Board of size 1018 mm (W) X 1000 mm (D) and 25 mm thick, Teak color with 0.4 mm thick Membrane Foil.

4. OTHER SPECIFICATIONS FOR MODULAR FURNITURE

A. Tiles:

Combination of top tiles should be fabric magnetic, fabric tackable/white board/ plain metal/ prelam tile. Bottom tiles should be Plain metal/fabric/laminated

B. Split Tiles:

Combination of two finishes for the top tiles on the user side shall be split fabric magnetic/fabric tackable/white board/prelam/ plain metal along with split fabric magnetic/fabric tackable/white board/prelam/ plain metal.

C. Intermediate Blocks:

Intermediate blocks should be in fabric/DL + Fabric/DL finish.

D. Wire Management:

Wires shall be taken into the system through cable ducts from the junction boxes and it is carried upto the panels through concealed conduits inside the blocks.

E. Modesty Panels with Assembly Legs:

25 MM THK PLB modesty should be given on the front of the main worktop (for Cubicle workstation) which is attached to the partition on one end with gable end brackets and on the other end with metal powder coated frontier leg.

F. Side Panels or Legs:

Side Panels should be made out of 25 mm thick pre laminated particle board with flat PVC lipping edge banding considered only on the open end conditions or metal powder coated legs at the end and shared condition. System shall also have 120 mm high powder coated standalone panel legs to give the system an elevated look.

Note: All partitions and side panels have leveling screws for adjustment in case of uneven floor to take care of +/- 40 mm of uneven flooring.

4. WALL CABINETS (Over Head Storage Units)

- Single door offering with soft closing mechanism
- Handle less design
- Combination of 18mm and 25mm Pre Laminated Twin Boards with matching PVC Lipping.

5. KEY-BOARD PULLOUT TRAY

- KBPT used should have a sliding mouse pad tray
- The mounting brackets ensure height adjustment.
- It also should have a smooth quiet movement because of ball bearings and a load bearing capacity of 12 kg

6. CPU TROLLEY

- CPU trolley used should have castors for easy movement and placement of CPU.
- It also should have a smooth quiet movement because of castors and a load bearing capacity of 5 kg

7. METAL PEDESTAL/ DRAWER

- Pedestal should have flat metal front and should be full height free standing with central locking of size 390 mm w x 435 mm d x 646 mm height. The pedestal should have 3 drawers = 2 boxes + 1 file. It also should have a smooth quiet movement because of castors and a load bearing capacity of 5 kg

8. CHAIRS

A. Mid Back Revolving Chairs

- The chair shall come with the dimensions of 76.3cm (W) x 76.3cm (H) x 85.5-97.5cm (H). The seat height shall be 42.5-54.5cm. The back size shall be 47.5cm (W) x 58.0cm (H). The seat size shall be 47cm (W) x 48cm (D). The seat and back shall be made up of 1.2+/- 0.2cm thick hot pressed plywood and upholstered with fabric upholstery covers and molded polyurethane foam. The back foam is designed with contours lumbar support for extra comfort. The seat has extra thick foam on front edge to give comfort to popliteal area. The High Resilience Polyurethane foam is molded with the density of 45+/-2 Kg/m³ and hardness load 16+/-2 Kgf as per IS: 7888 for 25% compression. The one piece armrests are molded from black co-polymer Polypropylene. The chair shall be 360 degree revolving type and shall be designed with upright position locking with tilt tension adjustment. The seat/back tilting ratio shall be 1:3. The pneumatic height adjustment shall have an adjustment stroke of 12+/-0.3cm. The bellows shall be 3 piece telescopic type and injection molded in black polypropylene. The pedestal shall be injection

molded in black 33% glass filled nylon-66 and fitted with 5 nos. twin wheel castors. The pedestal dia shall be 66.3cm+/-0.5cm. The twin wheel castors shall be injection molded in black nylon.

B. Dining Room Chairs

- The Staq chair shall be available in the dimensions of 55cm (W) x 54cm (D) x 86cm (H). The seat size shall be 44cm (W) x 40cm (D), the Back size shall be 42cm (W) x 45cm (D) and the seat height shall be 45.5cm. The seat back shell shall be made up of 1.2+0.1 cm thick hot pressed plywood and laminated with natural veneer in three different shades of Teak and Mahogany. The armrest shall be made from laminated veneered plywood (Teak stained) with melamine finish. The armrest tube assembly shall be powder coated and shall be made of thick M.S. tube. 1.9+0.02cm x 0.16+0.0128cm. The tubular under structure shall be black powder coated (DFT 40-60 microns) and shall be made of M.S. tube 1.9+0.02cm x 0.16+0.0128cm thick.

Terms and conditions:

- Quote should be made in two parts: Technical bid and financial bid separately in sealed envelopes.
- Technical Bid should contain compliance statement of specifications.
- Quotes should have a minimum validity of 60 days
- Financial bids for the product whose technical bid is not acceptable will not be opened. Any quote with the financial bid included in the technical bid will be summarily rejected.
- The sealed envelopes with the quotes should be super scribed with the Inquiry number and whether it is a technical or financial bid.
- Item wise picture of all the items should be included with the technical quotation.
- The delivery period should be specifically stated.
- Quotes should be made FOR delivery to IIT Kanpur
- Maximum educational discounts should be provided.
- Vender should have prior experience for the installation of such kind of furniture at IIT Kanpur.
- Venders should clearly mention about the material and (make Indigenous/ Imported).
- Actual numbers of the components may be increased or decrease, payment will be made on the basic of actual numbers.
- Vender should have authorized local service office in Kanpur.
- Standard comprehensive warranty and support should be three year.
- Installation: the price should be inclusive of full installation on site with full functionality demonstration.
- Delivery time: 1-2 weeks from the date of purchase order.
- Installation within 10 days
- All envelopes should be marked with enquiry number.
- All quotes should be in Indian Rupees (INR).

Addition of the above terms and conditions vendors should fulfill following conditions also:

- 1. Should follow Environmental Management Systems like ISO-14001:2004 consistent with the bidders Environmental Policy, Compliance to quality management systems like ISO – 9001:2008 function effective by adopting a process approach. Should have adopted Quality, Environment, health and safety Policy to meet the changing expectations of the customers.**
- 2. The bidder should have its own in-house testing facility complying to SEFA-8, EN-14175 and ASHRAE-110 standards for the LAB furniture., Quality management systems as per International Standards. The bidder shall furnish all such certificates as and when required. The bidder should be an official member with SEFA prior to its notification and should have SATARA certificate for Storage product.**
- 3. The bidder/OEM should have its own manufacturing/fabrication machinery and infrastructure facilities, which should preferably have automated cutting machines, bending machines, power presses, spot welding machines, anti rust treatment facilities, powder coating facilities etc. in sufficient numbers.**

Please send your quotation latest by March 02, 2015 to the following address:

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