

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH
THIRUVANANTHAPURAM [IISERTVM]

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THIRUVANANTHAPURAM 695016,
KERALA, INDIA.

Date: 15th October 2014

INVITATION TO TENDER

No: IISER/PUR/4823/14
Due Date: 29th October 2014 [3PM]
Date of Opening: 30th October 2014 [11AM]

Dear Sirs,

SUB: SUPPLY OF LABORATORY FURNITURE.


We invite Sealed Tenders for the following items:

SI No:	ITEM/ DESCRIPTION
1.	Laboratory Furniture in Molecular Labs 1 and 2 on the Fourth Floor of Malayil building <i>Specifications and Drawings attached as per Annexure I</i>

Please quote your lowest rate and shortest delivery period. Your offer in sealed cover **SUPERSCRIBING TENDER NUMBER AND DUE DATE** shall reach us on or before the due date and time. Please follow strictly the "Instructions to Tenderers attached".

Thanking You,

Yours Faithfully


K. BHASKARA RAO
Deputy Registrar
[Purchase & Stores]
Indian Institute of Science Education and Research Thiruvananthapuram
CET Campus, Engineering College P.O.
Thiruvananthapuram-695 016

P.S: CATALOGUE/LEAFLET FEATURING ALL TECHNICAL SPECS/INFORMATION OF THE PRODUCT QUOTED SHALL ACCOMPANY THE OFFER.

IISER-TVM, Govt. of India, Ministry of H.R.D.

**SPECIFICATIONS FOR LABORATORY FURNITURE IN MOLECULAR LABS 1
AND 2 ON THE FOURTH FLOOR OF MALAYIL BUILDING**

General Instructions:

1. Location of wall side benches should be strictly followed as per specifications attached and dimensions as given in the diagram.
2. All the Side benches must have enough lockable, drawers and cabinets underneath (as specified below).
3. The supplier should dismantle the lab from the transit campus and re-install it in our permanent campus at Vithura when the labs are ready (within 2-3 years). This undertaking has to be submitted along with the offer.
4. Based on our outline below, detailed drawings with detailed specifications should be submitted along with the offer. Otherwise the offer may not be considered.

1. Work Benches – Total 3 Nos. ‘F1’and “F2”in Molecular Lab 1. ‘F3’ in Molecular Lab 2 (Referred to as wall tables in drawing)

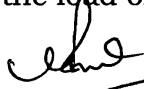
Wall side benches

Worktop:

- Should be made of 24 mm BWP plywood laminated with 0.9 mm thick melamine on both sides.
- The lamination should be done with hot press with minimum of 90 tones pressure.
- All exposed edges should be lipped with PVC lipping not less than 0.5 mm to protect from impacts, moisture and insects. The lipping should be of machine applied with hot melt glue at a temperature of 205 degree Celsius or above.
- The melamine laminate should confirm to BS, NEMA & BIS Standards.
- Must be laboratory grade, durable and chemical resistant.
- All edges should be smooth finish.
- The bench panel should be of large size with minimum joints.
- The table must be strong enough to take the load of heavy equipment.
- Polypropylene washbasin (as mentioned in the diagram) and necessary plumbing has to be provided.

Framework:

- The cantilever framework should be of mild steel box sections of 2 mm thickness, degreased and epoxy powder coated.
- Adjustable leveling jacks of tough plastic/nylon should be provided for each leg for the support of the frame.
- Front and back frames must be provided for supporting cabinets and complete bench.
- The frame design must have sliding facility for cabinets.
- The table must be strong enough to take the load of heavy equipment.


- 16/10

**2. Under-bench Cabinets (Sliding undertable cabinets) Total of 6 Nos.
2 under F2. 1 under F1. 3 under F3.**

- Should be floor mounted and movable without castors. The height should be more than 800mm from the floor.
- Drawers and door cabinets should be positioned one other the other.
- All Door cabinet must have adjustable shelf inside the cabinet.

Cabinet Body, Door and Drawers:

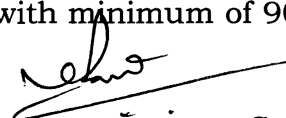
- Should be made of 18 mm BWP plywood laminated with 0.9mm thick melamine on both sides.
- The lamination should be done with hot press with minimum of 90 tones pressure.
- All exposed edges should be lipped with PVC lipping not less than 0.5 mm to protect from impacts, moisture and insects. The lipping should be of machine applied with hot melt glue at a temperature of 205 degree Celsius or above.
- The melamine laminate should confirm to BS, NEMA & BIS Standards.
- The doors and drawers should have full length grab rail that is not projecting outside from the door front surface.
- The grab rails should be made of aluminium and powder coated.
- The cabinet body should be made of permanent casework without any screws and knockdown / mini-fix fittings.
- There should not be any gaps inside of the cabinet body or such places that lead to dust accumulation.
- All joints should be sealed and should be made with the same material as above.
- Drawer slides must be made of metal, epoxy coated and with nylon wheels to allow smooth and silent sliding.

Knee space Panel:

- Should be made of 9 mm BWP plywood laminated with 0.7mm thick melamine on both sides.
- The lamination should be done with hot press with minimum 90 tones of pressure.
- All exposed edges should be lipped with PVC lipping not less than 0.5 mm to protect from moisture and insects. The lipping should be machine applied with hot melt glue at a temperature of 205 degree Celsius or above.

Filler Panel:

- Should be made of 18 mm BWP plywood laminated with 0.9 mm thick melamine on both sides.
- The lamination should be done with hot press with minimum of 90 tones pressure.



: 3 :

- All exposed edges should be lipped with PVC lipping not less than 0.5 mm to protect from impacts, moisture and insects. The lipping should be of machine applied with hot melt glue at a temperature of 205 degree Celsius or above.
- The melamine laminate should confirm to BS, NEMA & BIS Standards.

Hinges:

Hinges for the doors should be rust free, nickel coated heavy duty, self-closing, and allowing opening up to 165 degree and should be adjustable in all three directions for perfect finish and corrections.

Reagent Racks: (only for F1 and F3)

- Mentioned benches, as per drawing, should have four tier reagent racks.
- Platform of reagent rack should be of wired glass supported by the MS powder quoted frames. The racks should also be resistant to chemical spills.
- Plug points for electrical connections (dual 15+5 Amp power sockets) should be provided on the workbench (6 on only one side of each work bench).


Deputy Registrar
[Purchase & Stores]

IISERTVM
INSTRUCTIONS TO TENDERERS [INDIGENOUS].

1. Tenders should be sent in sealed envelopes superscribing the relevant tender no. and the due date of opening. Only one tender should be sent in each envelope.
2. Late tender and Delayed Tenders will not be considered under any circumstances.
3. Sales Tax and /or other duties/levies where legally levies and intended to be claimed should be distinctly shown separately in the tender.
4. (a). Your quotation should be valid for a minimum period of 60 days from the date of opening of the Tender. Quotation with firm prices will be preferred.
(b). Prices are required to be quoted according to the units indicated in the Invitation to Tender. When quotations are given in terms of units other than those specified in the tender form, relationship between the two sets of units must be furnished.
5. (a) Preference will be given to those tenders offering supplies from ready stocks and on the basis of delivery at IISER site.
(b) Preference will also be given to those who agree our payment terms of within 30 days of receipt and acceptance of the item at our site.
6. (a) All available technical literature, catalogues and other data in support of the specifications and details of the items should be furnished along with the offer.
(b) Samples, if called for, should be submitted free of all charges by the tenderer and the IISER shall not be responsible for any loss or damage thereof due to any reason whatsoever. In the event of non-acceptance of tender, the tenderer will have to take back the samples at his own expense.
(c) Approximate net and gross weight of the items offered shall be indicated in your offer. If dimensional details are available the same should also be indicated in your offer.
(d) **Specifications:** Stores offered should strictly conform to our specifications. Deviations, if any should be clearly indicated by the tenderer in their quotation. The tenderer should also indicate the Make/Type number of the stores offered and provide catalogues, technical literature and samples, wherever necessary along with the quotations. Test Certificates wherever necessary should be forwarded along with supplies. Whenever specifically mentioned by us the tenderer could suggest changes to specifications with appropriate reasons for the same.
7. IISER shall be under no obligation to accept the lowest or any tender and reserves the right of acceptance of the whole or any part of the tender or portion of the quantity offered and the tenderers shall supply the same at the rates quoted.
8. Corrections, if any, in the Quotation must be attested. All amounts shall be indicated both in words as well as in figures. Where there is difference between amounts quoted in words and figures, amount quoted in words shall prevail. Quotation must have price for each line item and totaling of the price including taxes and duties should be clearly mentioned.
9. The tenderer should mention the name of his bankers, Sales Tax Registration, PAN number etc in the tender.
10. The authority of the person signing the tender, if called for, should be produced.
11. The purchaser reserve the right to accept or reject the lowest or any other offer in whole or in part without assigning any reason.
12. IISER being a Govt of India Educational and Research Institute, is exempted from payment of Excise Duty under Notification No. 10/97 and Customs Duty under Notification No. 51/96- Customs dated 23rd July 2009. Also, we can issue Form 16 as per VAT Rules.
13. The stores supplied should be covered with minimum of 1 year warranty from the date of supply, installation and commissioning.
14. There is no EMD or Tender Cost.


DEPUTY REGISTRAR
[PURCHASE & STORES]