



इमटैक
IMTECH

सूक्ष्मजीव प्रौद्योगिकी संस्थान
सेक्टर 39-ए, चण्डीगढ़, 160 036 (भारत)

INSTITUTE OF MICROBIAL TECHNOLOGY

(A CONSTITUENT ESTABLISHMENT OF CSIR)
Sector 39-A, Chandigarh-160 036 (INDIA)

Director, IMTECH invites tenders from reputed Indian/foreign manufacturers and authorized dealers for the supply of the following item(s):

Sr.No.	Tender/Enquiry No.	Name of Equipment	Qty	Budget Head	Mode of Bidding
1	2010-11/IND14477	French Press	1	FAC003	Two Bid
2	2010-11/IND14516	Fluorescent Microscope with Camera	1	STS001	Two Bid

The terms & conditions with technical specifications are on subsequent pages.

Last date of receipt of complete tenders is **1.2.2011 up to 5.00 PM. (IST).**

The date of opening of technical bids is **2.2.2011 at 11.30 AM. (IST)** onwards.

The Director, IMTECH reserves right to accept or reject full or part of any tender without assigning any reasons thereof.

Stores & Purchase Officer

TERMS & CONDITIONS

Commercial

- **Cost :** Mention the price of the material in the FOB/FCA including inland freight value only. Please note that being a Govt. Organization we cannot make Advance Payment.
- **Insurance :** Consignment should be insured through National Insurance Company of India or its associate in your country.
- **Dispatch :** The dispatch of the material should be through Air India preferably in case of imported items.
- **Agency Commission :** Mention the percentage of Indian Agency Commission payable to commission Indian Agent in INR and also mention the name of your authorized Indian Agent/Representative, Pro-forma invoice without mentioning Indian Agency Commission will not be considered at our end.
- **Validity :** The validity of your pro forma invoice should not be less than 180 days from the date of opening.
- **Warranty :** Mention the warranty period of equipment after satisfactory installation. 10% Bank Guarantee is to be submitted by you/your Agent for the Equipments costing Rs.25 Lac & above
- **Taxes:** For Indigenous products, please quote Sales Tax/VAT/Service Tax/Other levies etc., if any, clearly in your quotation. Offer without mentioning the taxes clearly will be summarily rejected. The Institute is exempted from Custom/Excise Duty payment under Notification 51/96 of customs.
- The offers without mentioning of Packing, Forwarding, Freight Transportation, Insurance Charges etc. shall be summarily rejected.

General Condition

- Zerox copies of latest price list applicable list may be enclosed applicable in Indian Market.
- Ensure that quoted price will not be higher to any other customers in India to whom this particular item have been sold particularly to govt. of India Organization.
- Sent a certificate that the equipment is of latest technology & will not be obsolete within 5 years.
- Ensure that all essential spares parts of this equipment will available in India with your Indian Agent as and when required.
- Provide the list of the users in India of the same equipment along with their contact / email address.
- Enclose a copy of agreement with your authorized Indian Agent.

FAX : 0091-172-2690632 email : purchase@imtech.res.in

TEL : 0091-0172-6665363 website : www.imtech.res.in

Specifications for French Press:

The following specifications for motor driven laboratory French Press are essentially required:

- It should be regulated working pressure throughout entire operating stroke for uniform and complete disruption of cells.
- High resolution, easy to read, preferably with digital display with two pressure readouts, psi or KPa.
- Height of the instrument should be less than 100 cm preferably with dimensions 47 x 47 cm or better. Weight should not be more than 250 lbs.
- Different cells with varied pressure tolerance and different sample capacity must be available.
- Cell working pressure should be between 20,000-40,000 psi. Should include more than one cell to work with different size samples.
- Weight of cell should be preferably low for safety handling.
- The minimum sample capacity should be 1 ml and maximum may be 50 ml.
- Temperature controlling system, if any available, is preferred to reduce the heat that is generated during the process.
- At least one year warranty should be given and preferable for two years.
- List of users must be provided and literature in support of compliance statement.
- Compliance statement in tabulated form giving details as per specifications.

SPECIFICATIONS FOR INVERTED FLUORESCENCE MICROSCOPE

S No.	SPECIFICATIONS	
1	Microscope Stand	Ergonomic design with rigid vibration resistant designing
2	Main body	Sturdy with stage supported on both ends
3	Optical System	Infinity corrected
4	Illumination	100 W Halogen
5	Mechanical Stage	Attachable with flexible; holds universal holder, petridish holder, slide glass holder, Hemacytometer holder, tissue culture flask (atleast T25 and T75 cm ²)
6	Eyepiece tube	Binocular/Trinocular tube for photo
7	Nosepiece	Should have atleast 6 positions for different Objectives
8	Eyepieces	Atleast Widefield 10X with diopter adjustment FOV 22mm
9	Filters	45mm diameter interference green contrast; daylight color balance; heat absorbing
10	Condenser	Phase contrast ring slit; LWDC for DIC/RC observation; atleast 4 position turret; NA 0.3/ WD 75 mm
11	Objectives	4X, 10X, 20X Plan Achromat; 40X, 60X/100X essentially Apochromat; 40X can be Achromat
12	Fluorescence attachment	<ol style="list-style-type: none"> 1. Epi-fluorescence capability 2. Motorized fluorescence turret 3. 100W or better Mercury or LED illuminator 4. Should hold atleast 6 Fluorescence Filters 5. Narrow bandpass filters with suitable dichorics for DAPI/FITC/Rhodamine/Texas Red/Cy5 range
13	Digital camera	High resolution cooled CCD camera Atleast 5 Megapixel resolution Minimum 2/3 inch CCD chip Capable of handling very low fluorescence and brightfield signals Exposure time 0.2 to 600 secs
14	Software	Brightfiled mode, Multiifluorescence Mode, Annotation, Morphology/Mrophometry, Time Lapse (varying from seconds to hours), XYZ image analysis, Automeasurement, Overlay, analysis same with live & captured image, captured images can be displayed in gallery, calculates range of statistics for each parameter and data transported to Excel, Compatible with other softwares
15	Image display	Rotate/mirror, ROI function, adjustable RGB values, perfect image quality with white and black balance, contrast, brightness, saturation adjustments
16	Data collection and processing unit	Latest with atleast 5 GB RAM, DVD writer, 500 GB or higher HDD, Graphics Card, Ethernet Card, 23" LCD

		monitor with UPS, Color laser printer
17	Spares	6 Halogen and 2 Mercury lamps, cell counter
18	Up gradation capabilities to	Live cell facility (perfect focusing unit, Temperature controller, CO2/O2 controllers, air pump, humidity module, chamber and plate adapters)
19	Accessories	Vibration free table, two ergonomic chairs for stress free operation, light isolation chamber, Microscope cover
20	Optional	12 Halogen and 6 Mercury lamps
21	Others	Comprehensive warranty for 2 years Details of AMC charges after warranty period List of users in India