



Pondicherry University
Department of Earth Sciences

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Sub: Quotation invited to supply of **Minor equipments** for various laboratories– reg.

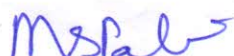
I invite sealed quotation for supplying the following items as per the terms given below.

S. No.	Name of the Equipment and Specifications	Quantity
1.	<p><u>ELECTRONIC WEIGHING BALANCE:</u> Maximum capacity 1.5kg or more, Minimum display/Accuracy: 0.1 gm, Repeatability ≤ 0.1 gm; Linearity: ± 0.2 gm, Stability time: 2-2.5sec; Pan Size: comfortable size, Calibration: with built in or with external weight (to be provided), Digital display is essential, multiple display units (such as kg, gm, etc.) should be available, operating ambient temperature 20-40°C, Power connection 220/230AC, 50Hz., without battery is desirable. Note: Quote for both built in calibrated item and external weight calibration item separately.</p>	1No.
2.	<p><u>ULTRA SONIC BATH: Sonorex make</u> – preferable Bath Capacity: 3 litres, Stainless steel (grade to be provided in quotation) body with Lid has resistance to wear and long work life, Exterior and Interior dimensions (l x w x d) should be mentioned Timer: 1–15 min & ∞, effective cleaning height is 70mm or above, continuous mode, Transducers: 1 PZT large area imported transducer HF generator: overload protected, constant power Operating mode: double half-wave Frequency: nearly 35 kHz automatic frequency control, Power supply : 220 Volts, 50Hz Single phase, <u>Accessories:</u> i) Insert basket Stainless steel Mesh is necessary ii) Utensil holder, Stainless steel iii) Insert tub is optional v) Lid, stainless steel</p>	1No.
3.	<p><u>REFRIGERATED CENTRIFUGE :</u> REMI MAKE Preferable Heavy duty Refrigerated Centrifuge, floor model; Refrigerated Temperature range: -8°C to 40°C or equivalent range during entire uniform centrifugation cycle, Programmable digital temperature indicator cum controller; Digital speed and timer indicator display are essential, microprocessor speed control system; Speed range: 200 to 4500rpm, safety interlock, may have equipped with active imbalance-identification system in case of the rotor not being</p>	1No.

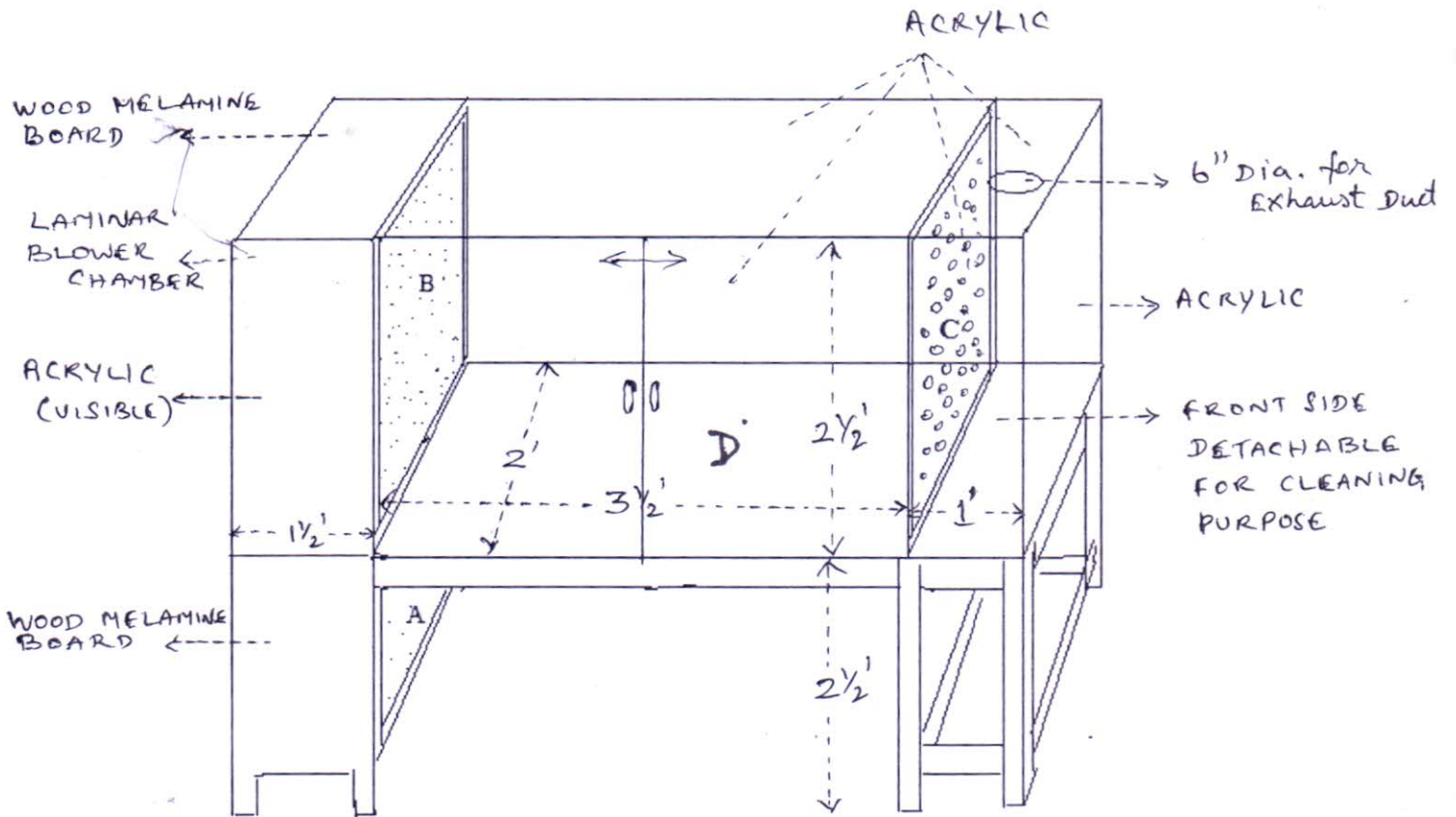
	<p>equally loaded, the drive will automatically turn off during acceleration; Timer : 1 to 99 minutes or continuous mode, both <i>Swing out and angle rotors</i> are required as follows.</p> <ol style="list-style-type: none"> 1. 1000ml Swing out rotor with adapter for 500ml 2. 500ml Angular rotor with adaptor for 250ml and 100ml <p>Sample tubes made of Polypropylene bottles; Direct drive motor, including Voltage stabilizer 220/230AC, 50Hz with required cable.</p>	
4.	<p><u>HORIZONTAL LAMINAR FLOW HOOD:</u></p> <p>Product dimension : See in Annexure – I</p> <p>Product Features: Horizontal air flows to clean particulate, to sustain the contamination-free environment in working area. Room air is first cleaned with an electro statically charged prefilter and further cleaned with a HEPA filter then uniform laminar flow through the cabinet interior to protect the work from unfiltered air. The Unit will be non-metallic, made up of Wood Melamine, Acrylic and Polypropylene (PP) materials.</p> <p>Filter: Prefilter and HEPA filter should be replaceable and detachable easily (desirable)</p> <p>Prefilter: Non metallic designed to remove/filter dust particle from the air</p> <p>HEPA filter: Non metallic, suitable for arresting particulate matters upto 0.3 microns in diameter at an efficiency 99.97%</p> <p>Task Lighting: Fluorescent cabinet lamp located away from laminar flow area.</p> <p>Blower: High-performance centrifugal fan for blower assembly, blower with control switch on/off facility, Power : 220/230AC, 50Hz with MCB switch</p> <p>Pass Through Ports: Convenient rear-wall pass through ports for safe routing of instrument cords, cables and leads.</p> <p>Visibility: Clear back, front and side Acrylic sheet allow ambient illumination into the chamber and provide users with an unobstructed view of its contents. Bottom of platform will be Polycarbonate board</p> <p><u>Optional accessories:</u> Quote following optional accessories may be required to supply along with Horizontal laminar flowhood</p> <ol style="list-style-type: none"> 1. Prefilter 2. HEPA filter 3. Laminar Blower Motor assembly 	1No.

Terms and conditions:

1. The quotation should be sealed cover should be submitted and superscribed as "*Minor equipments for various laboratories*".
2. The quotation should reach the undersigned **before 4:00P.M. on 13.5.2016.**
3. Quotation/Tender document fee **Rs.300/- and EMD amount 3%** of quoted price drawn in favour of "*The finance officer, Pondicherry University*" payable at Puducherry
4. The rate quoted should be on FOR destination basis and should be inclusive of all taxes, installation, freight charges. Form C/D are not applicable to our University.
5. The quotation should be addressed to "*The Professor and Head, Department of Earth Sciences, Pondicherry University, Puducherry 605014*"
6. The University shall not be responsible for any delay/loss or non-receipt of the tender by post/courier services
7. The University has the right to select or reject any quotation partly or fully without assigning any reason.
8. The bidder must enclose authorization letter from the respective global/national service providers of the above said equipment/unit.
9. Quote merely the lowest price does not confer any right to any bidder for award of supply order. The University's Purchase committee reserves the right to select the equipment any bid under the grounds of specification complains advanced quality, power performance tract record, brand reputation, service backup support and training, offer of additional/special features, compatibility with the existing system etc.
10. Payment will be made against bill after receipt of items in good condition at our premises
11. **Duty exemption:** The University has been granted the benefit of exemption from the payment of **Central Excise duty** by the Department of Scientific and Industrial Research (DSIR), vide their Notification No.10/97; dated 01.3.1997, in respect of a) Scientific and technical instruments,, apparatus, software including computers, b) Accessories and spare parts of goods specified in (a) above and consumables, c) Computers software, compact disk, CD-ROM, recording magnetic tapes, microfilms, micro-chips etc., d) Prototypes.
12. Timely supply of the ordered items, installation, commissioning etc., (wherever is applicable) is the essential to the supply order. In the case of failure to supply any item within the time specified in the purchase order, the decision of Pondicherry University shall be final in this regard.
13. **Warranty:** The equipment in the Tender should be covered under warranty, after installation for the quality, workmanship, trouble free operation and performance. The warranty period should be mentioned in the quotation.


(M.S. Pandian)

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HORIZONTAL LAMINAR FLOW HOOD

A = PREFILTER (Detachable)

B = HEPA FILTER (Detachable)

C = PERFORATED PP BOARD (POLYPROPYLENE BOARD)

D = Work platform made of 20mm thick PP Board