

KERALA AGRICULTURAL UNIVERSITY
Centre for Plant Biotechnology & Molecular Biology
College of Horticulture, K.A.U. P.O., Thrissur, Kerala- 680656

QUOTATION NOTICE

Sealed competitive quotations are invited by the Professor and Head, Centre for Plant Biotechnology and Molecular Biology, College of Horticulture, Kerala Agricultural University, Vellanikkara, KAU Post, Thrissur – 680656, for setting up an Automated Temporary Immersion Bioreactor system (TIBs) for Plant micropropagation at the Centre for Plant Biotechnology and Molecular Biology, Kerala Agricultural University, Thrissur.

The detailed specifications for the automated TIBs and cost breakdown for all components should be indicated in the quotation.

Sl.No	Component	Specification	No of Units
1.	Temporary Immersion bioreactor system (TIBs) vessels	Temporary immersion type capable of multiunit assembly; made of translucent/transparent polycarbonate/polysulfone or similar UV/gamma resistant autoclavable material; 3 to 8 L total capacity per unit.	32 units
2.	Oil Free Compressor/Pumps	220-240V, 10 to 50 L/min flow rate.	1 unit
3.	Electrical control unit/programmable timer and manifold with solenoid valves or similar systems necessary for automated use	220V; Multi-channel, multi-settings; (switching time to be mentioned in quotation).	1 unit
4.	Racks or shelves	Suitable horizontal mainframes to accommodate the bioreactor vessels, illumination sources and manifolds	1 unit capable of accommodating 32 TIBs vessels.
5.	Hydrophobic micro pore filters	0.22 μ M permeability	60 units
6.	Other accessories including tubing, air-vents, netting, screw caps, gaskets, T-connectors etc.	All made of reusable gamma/UV resistant autoclavable material	As required for 32 TIBs vessels

Conditions

Sealed quotations, super scribed "Quotations for setting up an Automated Temporary Immersion Bioreactor system for Plant micropropagation at CPBMB" are to be submitted to the undersigned on or before 25th January, 2019 at 3.00 p.m. Quotations will be opened on 25th January, 2019 at 3.30 p.m. in the presence of quotationers or their authorized representatives, whoever, are present. Normally the lowest quotation will be accepted, but this will be finalized based on the quality of the automated bioreactor system. Supply order will be placed to quotationer within three days. The rate for each item should be quoted separately. Necessary manuals and technical specifications for proper installation, use, maintenance and terms and conditions for repair and maintenance of the automated TIBs system have to be provided.

The rules and regulations pertaining to Government quotations will be in force. The system should be delivered within fifteen days on receipt of the supply order. The invoice, in favour of Professor & Head, CPBMB, College of Horticulture, should be submitted to the undersigned. Payment will be effected only after ensuring the quality of the item, proper installation and working.

Any further details can be had from the undersigned on all working days during office hours.


Professor & Head

Professor & Head
Centre for Plant Biotechnology & Molecular Biology
IT-BT Complex, College of Horticulture
Kerala Agricultural University
Vellanikkara - 680 656

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