

BOSE INSTITUTE KOLKATA	
Tender No.	: R/PCS/DMM/GS/WEB/1
Tender date	: 04.11.2015
Type of Tender	: Limited
Tender Title	: WESTERN BLOTTING SETUP
Specification	: <p>A) MINI VERTICAL GEL SYSTEM (2 units) The system should be able to run 2 handcast or precast gels at a time. Gel Size: 8.5 x7.5 cm (W x L). Plates: At least 5 sets of glass plates should be provided with each unit, preferably glass plates with permanently bonded spacers. Combs: At least 5 ten well 1.0 mm thickness combs should be provided. Casting frames, sample loading guide, electrode assembly, tank, lid with power cables should come with the unit.</p> <p>B) Module for Wet blotting (1 unit) The module should provide rapid and reproducible blotting of mini gels (10 cm x 7.5 cm maximum) within an hour. The gel holder cassettes should be compatible with the vertical mini gel tank. Cassettes should be color-coded to ensure proper orientation of the gel during transfer. Two gels can be accommodated in the cassette at a time.</p> <p>C) Power Supply (1 Unit) 10-300V, 400mA, 75 W or better. Should comply to EN 61010 and CE regulatory terms. Should be able to support 4 systems together in a single run.</p> <p>D) Module for Semidry Blotting(1 unit) Fast blotting system for blotting four mini or 2 midi gel simultaneously. System should not need any extra buffer to be poured. It should be an open system and should not be bound to use consumables from one vendor. System should have Cooling fan. Should have inbuilt Power Pac supply, keypad, monochrome display Programmable methods: Up to 25 user-defined System should come with reagents for gel casting and blotting for minimum 40 gels.</p>
Quantity	: (A + B + C + D)- ONE EACH
Last date & time for submission	: 01.12.2015 within 2-00 P.M.
Date & time for opening of bids	: 01.12.2015 after 3-00 P.M
Submission of Tender (Address)	: Division of Molecular Medicine Bose Institute, P-1/12, C.I.T. Scheme VII M, Kolkata 700054
Venue of bid opening	: Office of the Division of Molecular Medicine
For any query the interested bidders may contact (Dept./Section/Div./Unit)	: Ph: 033 2569 3258

General Terms & Conditions ::		
Warranty	:	Should be mentioned
Payment terms	:	Payment will be made after complete delivery of the instrument in good condition and satisfactorily installation.
Delivery schedule	:	Within 8 weeks from date of order & if any defect of the supplied item is found, it should be replaced immediately from your side.
Bid security (earnest money deposit), if applicable	:	N.A.
Submission of Performance Bank Guarantee (PBG), if applicable	:	N.A.
Any other information (if applicable)	:	N.A.
<i>Name of the instrument and submission of tender should be mentioned on the envelope positively.</i>		
Director, Bose Institute reserves the right to accept or reject any or all tenders either in part or in full. The reasons for rejecting the tender of a prospective bidder will be disclosed only when enquiries are made.		

Sd/-

Sr. Prof. & In-Charge Registrar's Office

BOSE INSTITUTE KOLKATA	
Tender No.	: R/PCS/DMM/GS/WEB/2
Tender date	: 04.11.2015
Type of Tender	: Limited
Tender Title	: TABLE TOP CENTRIFUGES
Specification	: <p>1. Table top cell culture centrifuge Max RCF : 3,000 x g higher Speed range: 100 – 4,400 rpm Quiet operation, noise level should be <51 dB(A) Should have soft brake function for slow acceleration and braking. Optimized for cell separation by gradient centrifugation Key lock to prevent unintentional adjustments Rust proof Stainless steel rotor chamber Electronic imbalance detection for maximum safety Acceleration/Deceleration time: approx 25 s/ 25 s Timer 0-99 min, with continuous run function Max. power consumption should be ≤ 200 W Rotor and adapters are autoclavable (121 °C, 20 min)</p> <p>Rotors: Swing bucket rotor for 4 x 100ml with aerosol tight lid along with following adapter: 8x15ml conical tube to run at ≥3000xg & 4x50ml conical tubes to run at ≥2900xg,</p> <p>Following rotors must be quoted optionally: High capacity fixed angle rotor for 30 × 15 mL glass Tubes with adapter for 20 × 15 mL conical tubes to run at ≥ 2700xg Fixed angle rotor for 18x1/2ml cryo tubes to run at ≥1800xg</p> <p>2. Refrigerated Table top microcentrifuge Rotational Speed : 14000 rpm or higher Relative centrifugal force (rcf) > 16800 x g or higher Temperature Range 0 to +40° C Full digit display for ease of programing Should maintain constant 4° C at max. speed. Fast temp function for rapid cooling of centrifuge Rotary knob for quick setting of time and speed. Must have low noise level <47 dba Compressor should shut down automatically after non use of at least 8 hrs Should have inbuilt condensation drain. Should have separate button for fast and short spins IvD (invitro diagnostics Compliance) Rotor: 18 x 1.5/2ml tube with quick lock aerosol tight metallic lid Should have low power consumption</p>

		<p>3. Non-refrigerated Table top microcentrifuge Rotational Speed : 14000 rpm or higher Relative centrifugal force (rcf) > 16800 x g or higher Quick lock aerosol tight rotor for 18 x 1.5/2ml tube Rotor and lid should be metallic and autoclavable Time setting from 30 – 9:59 h Centrifugation without the rotor lid also should be possible Automatic lid opening at the end of the run. Optibowl lid design for quiet operation Low noise level Full digit display of time and speed Separate key for RPM / RCF setting Low power consumption Should have separate button for short spins Should be compatible to use in the cold room.</p>
Quantity	:	ONE EACH
Last date & time for submission	:	01.12.2015 within 2-00 P.M.
Date & time for opening of bids	:	01.12.2015 after 3-00 P. M
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BOSE INSTITUTE KOLKATA	
Tender No.	: R/PCS/DMM/GS/WEB/3
Tender date	: 04.11.2015
Type of Tender	: Limited
Tender Title	: CO₂ INCUBATOR
Specification	: Capacity: Not less than 170 liters Should be microprocessor controlled six sided direct heating system (not air jacketed/not water jacketed) Inner chamber should be fanless/blowerless to minimize the contamination and to avoid the temperature gradient formation. Temperature range: 4°C above ambient to 50°C, Control: ± 0.1°C or better, Stability : ± 0.1°C or better, Uniformity: ± 0.2°C or better Over temperature cutout facility to prevent overheating CO2 Range: 0.2 – 20%, Control: ± 0.1%, Stability : ± 0.2%, Uniformity: ± 0.1%, Recovery: >0.7% per minute Should have option for power receptacle within the chamber LCD display of temperature and CO2% and troubleshooting. CO2 sensor must be IR type (not TCD) with programmable, auto zero facilities for calibration Reservoir: removable stainless tray of Volume approx 2 liters Must have inner glass door Chamber should be Seamless without molds/joints Chamber should have access port to allow additional probes and equipment to be used inside the incubator chamber. Should have HEPA Filter on CO2 Inlet RS-232 Communications port. Capable to stack up to two units high.
Quantity	: ONE
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