

BOSE INSTITUTE
KOLKATA

Tender No.	:	BI/TND/BIC-ZG-RGYI/13-14/01
Tender date	:	24.07.2013
Type of Tender	:	Open
Tender Title	:	Horizontal Gel Electrophoresis
Specification	:	Horizontal Electrophoresis: <ul style="list-style-type: none">• The horizontal electrophoresis unit must include approx 15X7cm, 15X10cm and 15X15cm trays.• Gel Trays should be UV transparent.• Sample capacity: For 15X7 cm- at least 70 samples, for 15X10 cm- at least 140 samples and for 15X15 cm-at least 210 samples• Should include 1 mm thick 2 combs of 20 sample wells.• Buffer volume should not be more than 500ml.• Should have multichannel compatible combs for speed loading.• 20 sample comb should have 21µl sample capacity in each well.• Should have cassette type electrodes.• Should have pure platinum wire and gold plated corrosion resistant electrodes.• Should include casting dams for tape free casting of gels.• Should include loading guides for easy identification of wells.• Should have color coded combs option and should have options for 0.75mm, 1mm, 1.5mm and 2mm combs.• Unit dimensions (W x L x H): should not be more than 17.5 X 26.5 X9 cm. Power Supply: <ul style="list-style-type: none">• The programmable electrophoresis power supply should have maximum 300V, 700ma and 150W with 1V/1mA Resolution.• The output of the power supply should be constant voltage or constant current.• The system should have timer for 1-999 mins,• Should have 3 digit LED.

	<ul style="list-style-type: none"> • The power supply should have provision to connect four gel chambers. • Should have alarm function. • Should have microprocessor control. • The system should have auto cut-off function. • Safety features includes shrouded plugs and sockets, no load detection, overload detection, over voltage, current & temperature protection, maximum power output detection and ground leakage detection. • The unit should have EN-61010-1 & CE regulatory conformity. • Operating conditions should be ambient-40°C, 95% humidity. • The power pack should be stackable and dimensions should not be more than 190x305x95mm (WXDXH). • Weight of the power pack should not be more than 2.5kgs.
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Quantity	:	01
Last date & time for submission	:	6.08.2013 within 12-00 noon
Date & time for opening of bids	:	6.08.2013 around 3-00 p.m.
Submission of Tender (Address)	:	Bioinformatics Centre, Bose Institute, Centenary Building, P-1/12, C.I.T. Scheme VII M, Kolkata 700054
Venue of bid opening	:	Office of the Bioinformatics Centre, Bose Institute, Centenary Building, P-1/12, C.I.T. Scheme VII M, Kolkata 700054
For any query the interested bidders may contact (Dept./Section/Div./Unit)	:	Bioinformatics Centre, Bose Institute Phone : 033 25693329

General Terms & Conditions ::		
Warranty	:	One year for both the items
Payment terms	:	Payment will be made after complete delivery of the instrument in good condition and satisfactory installation.
Delivery schedule	:	Within one month 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.		

Registrar
24.7.2013