

TENDER NUMBER: R/PCS/DMM/SM/1/Web/590/13

TENDER DATE: 09.05.2013 DUE DATE: 21.05.2013 TYPE: Limited

BRIEF DESCRIPTION OF THE TENDER : **Mini Vertical Gel System with PS**
(1 line to appear on the main tender page)

Specification Details:

MINI VERTICAL GEL SYSTEM:

- 1) The system should accommodate 2 handcast or precast gels at a time and should have the provision to accommodate 4 gels at a time.
- 2) Gel size: 8.5x 7.5cm (WxL)
- 3) Dimension of Glass Plate: Approx-10x8 cm.
- 4) Plates: At least 5 sets of glass plates should be provided with each unit ,preferably glass plates with permanently bonded spacers.
- 5) Combs: At least 5 ten well 1.0mm thickness combs should be provided.
- 6) Casting frames , sample loading guide ,electrode assembly ,tank,lid with power cables should come with the unit.
- 7) Regulatory Certification: IEC 1010,CE
- 8) Same system should be able to perform western blotting, 2D/tube gel electrophoresis, electro elution & to perform Agarose Gels with the help of different module.
- 9) Module for Western Blotting to be supplied with the system with the following

Specifications:-

- (i) The module should provide rapid and reproducible blotting of mini gels (10cmx7.5cm Maximum) within an hour.
- (ii) The gel holder cassettes should be compatible with the vertical mini gel tank.
- (iii) Cassettes should be color-coded to ensure proper orientation of the gel during transfer .
- (iv) Options for cooling unit should be available.
- (v) Two gels can be accommodated in the cassette at a time.

POWER SUPPLY

Programmable Output range:

10-300V, fully adjustable in 1V steps

4-400mA, fully adjustable in 1mA steps

Maximum Power: 75W

Built –in timer range- 0-999min, fully adjustable

Output Conditions: 0-40 deg.C; 0-95% humidity

Regulatory Certification: EN-61010, CE Certified

Safety features:

No load detection, Sudden load change detection, Over-load /short circuit detection,
Overload protection.

Contact Person: Prof. S. Majumdar (Ph. 25693 230/231)