



## Notice Inviting e-Tender

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Procurement of Medical Equipment for Degree College of Yoga and Naturopathy, Belur  
(Discipline-Biochemistry)

(Submission of Bid through *online*)

Bid Reference No.: WBMSCL/NIT-257 /2023

Dated- 18.05.2023

## AMENDMENT-I

### 2. TECHNICAL SPECIFICATIONS

#### Item No-4.

#### Horizontal Electrophoresis Unit with Power supply (for paper, agarose)

1. Complete set – including base gel running unit, safety lid, at least two casting trays and combs.
  2. Gel casting Tray: Standard form;
  3. Combs size: 1.0 to 1.5 mm – 4 wells/ 8 wells / 12 wells
  4. Buffer chamber capacity: minimum 150 ml.
  5. Buffer chamber must have safety lid
  6. No. of platinum electrodes : positive & negative (each one)
  7. Connecting Cord: Red and Black (each one)
  8. **Power supply:**
    - Suitable for constant voltage and constant current mode.
    - Output voltage: adjustable from 0 to 500 with an increment of 1 volt
    - Output current: **Preferably** upto 800 mA **but not below 400 mA** with an increment of 1mA.
    - Output power: 300W or more (450)
    - Input voltage: 230V  $\pm$  10 VAC, 50Hz
- Safety Standard: CE/ US FDA / BIS

## Item No-5.

### **Vertical Electrophoresis Unit with Power supply**

1. Dimensions: (l x b x h) cm :15x15x15
2. Gel size (cm): 8x7
3. No. of samples : 4 to 8 or more
4. Upper buffer tank capacity (ml) :75 ml or more
5. Lower buffer tank Capacity (ml): 150 ml or more
6. No. of Combs: 4 to 8 well tooth comb
7. Teflon spacers: 0.5 mm Teflon spacers (2 in numbers)  
1mm Teflon spacers (2 in numbers)  
1.5mm Teflon Spacers (2 in numbers)
8. Connecting cords : Black & red
9. Platinum electrode : red & black : 1 each
10. Lid: one
11. Glass plate : Notched &Rectangular : 2 sets

#### **Power Supply:**

- Suitable for constant voltage and constant current mode.
  - Output voltage: adjustable from 0 to 500 with an increment of 1 volt
  - Output current: Preferably upto 800 mA but not below 400 mA with an increment of 1mA.
  - Output power: 300W or more (450)
  - Input voltage: 230V  $\pm$  10 VAC, 50Hz
12. Safety Standard: CE/ US FDA / BIS