

# Notice Inviting e-Tender

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PROCUREMENT OF MEDICAL EQUIPMENT FOR FIVE NEW MEDICAL COLLEGES AND HOSPITALS

(Submission of Bid through *online*)

Bid Reference No.: WBMSCL /NIT-40/2019

Dated –04.06.2019

**The following amendment have been made in the tender document,**

## **Amendment-I**

### TECHNICAL SPECIFICATIONS

#### **Item No. - 1**

#### **Thin layer Chromatography**

Purpose: To introduce the principles of absorption chromatography using the thin layer technique.

This mechanism is having moveable applicator with inbuilt thickness arrangement between 0 to 2mm (minimum div. 0.25mm) in further consists of the following components -

- a. Spreader (applicator) made of electroplated brass.
- b. Perspex base of 114x23 cm to support glass plates.
- c. Plate rack aluminium, anodised for ten 20 x 10 cm plates.
- d. Chromatography tank with lid. (20 x 20 cm)
- e. Spotting template made of perspex.
- f. TLC plates set of ten 20x10cm
- g. Glass sprayer with rubber bellow, cap. 100ml
- h. Micro-pipette
- i. Subscriber for marking lines made of stainless steel
- j. Instruction manual.
- k. Safety Standard: CE/ US FDA / BIS

## Item No. - 2

### 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: upto 800 mA with an increment of 1mA.
  - Output power: 300W or more (450)
  - Input voltage: 230V  $\pm$  10 VAC, 50Hz
9. Safety Standard: CE/US FDA/BIS

## Item No. - 3

### Vertical Slab Gel 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: upto 800 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