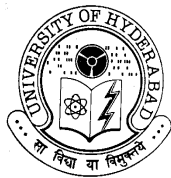


**Dr. Perali Ramu Sridhar**  
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DATE: 21-01-2020

**Tenders are invited for SDS-PAGE Gel Electrophoresis apparatus with accessories:**

Ref: UH/SoC/PRS/SERB/02/2019-20

**Sealed quotations** are invited by Dr. P. Ramu Sridhar, School of Chemistry, University of Hyderabad, for the supply and installations of **SDS-PAGE Gel Electrophoresis apparatus along with specified accessories as per the specification given below**. Forward your offer at the lowest rates for supply of the following materials as per the terms and conditions stated below so as to reach the undersigned in a sealed cover on or before **13-02-2020**.

**Note: Please mention Make & Model Number  
If the item is proprietary, please mention the same.**

**TERMS & CONDITIONS**

1. Warranty period must be clearly mentioned which should be valid from the date of installation.
2. The prices to cover all charges including installation, laying, packaging, handling and transportation up to University of Hyderabad.
3. In case for foreign shipment, PI/UoH will provide duty exemption certificate if required. Duty charges and clearance procedures must be clearly stated.
4. Validity: The rates quoted should be firm till the date of satisfactory execution of the order.
5. Please mention the reference number on the bids.
6. In case of foreign price, official conversion rate on price bid open day rates will be taken an account for calculation of lowest bid, however INR is preferred due to fluctuations in value of currency.
7. Please state timelines of supply and installation from the date of purchase order.
8. **No advance will be given. Payment will be wire transfer soon after satisfactory installation. Any other terms and conditions of University of Hyderabad purchase policy are valid even if not mentioned in this advertisement.**
9. Principal Investigator and The University of Hyderabad, reserves the right to reject any /all tender(s) or accept any offer or part thereof without giving any reasons. Its decision in the matter will be final and binding on all the renderers.
10. Sealed tenders can be delivered **by post /by Hand to** the authority concerned in the laboratory of

**Dr. P. Ramu Sridhar, School of Chemistry, University of Hyderabad, Central University  
P.O, Prof. C. R. Rao Road, Hyderabad-500046.; On or before the due date: 06/02/2020.**



## **Specifications**

### **Specifications for SDS PAGE Gel Electrophoresis apparatus:**

- The system should be capable of accommodating & simultaneously running 1 to 4 mini gels in less than an hour.
- The system should be easy to assemble, include a casting stand and glass plates with permanently bonded gel spacers for leak proof casting of gels and avoid messy agarose sealing & tape casting of gels.
- The system should be capable of accommodating interchangeable modules for tank transfer, 2-D electrophoresis & electro-elution.
- The system should come with molded, one-piece buffer dam when running (only) one or three gels.
- The system should come with color coded electrodes to prevent accidental reversal of polarity.
- The system should be capable of accommodating 5 well, 9 well, 10 well, 15 well & Prep/2D combs for sample volumes ranging from 20-150  $\mu$ l.
- The system should be capable of accommodating both hand cast & precast gels of the below said dimensions :
- Gel size (W x L) : Precast 8.6 x 6.8 cm , handcast 8.3 x 7.3 cm

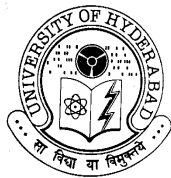
### **Specifications for Power Supply:**

- Output range: 5-250V, fully adjustable in 1 V steps
- 0.01 to 3.0 A, fully adjustable in 1mA steps
- 300W maximum
- Type of output: constant voltage, constant current with automatic cross over
- Output terminals: 4 pair recessed banana jacks floating in parallel
- Timer: 1-999 min, fully adjustable
- Should have option of Pause/resume run function

### **Western Blotting – Wet Transfer system**

- System should provide rapid, high quality western transfer
- Must accommodate at least two mini gels of size at least 10\*7.5cm

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- Transfer time for both gels must be supported in a time frame of One hour
  - Overnight transfer must also be taken care
  - Preferably with a cooling unit to take care of heat generated
  - Buffer requirement should not exceed 450 ml – 500ml per run
  - Modularity of same tank to run PAGE gels must be provided.
  - Must include horizontal unit (Medium size) for agarose gel electrophoresis

**For any other technical clarifications, Please contact [p\\_ramu\\_sridhar@uohyd.ac.in](mailto:p_ramu_sridhar@uohyd.ac.in)**