

1. **File No.** 6-71/09-NRCPB/7239-53 Dated: 06-09-09
Name of the Equipment **Purchase of Split AC's 2 Tons**
Last Date **19-11-09**
Specification Specifications of Split AC 2' Tons: Two Nos.

Cassette air conditioner with atleast 5 star energy rating supplied with stabilizers of appropriate rating & according to Tochigi manufacturing standards with flexi air control, lower swinging & Anti freezing device installed in it One year on site warranty& installations.

Note: Please Submit EMD an amount of Rs. 3000/- In the shape of Bank Draft/ Pay Order in favour of Project Director, NRCPB, without EMD Quotation will be not be accepted.

2. **File No.** 6-75/09-NRCPB/7254-68 Dated: 06-09-09
Name of the Equipment **Purchase of Air conditioner (Split)**
Last Date **19-11-09**
Specification **Specifications of Air Conditioner (split)** 5 Nos.

- Wall mounted split AC
- Number of indoor units: One
- Cooling capacity: 2 Tones
- Energy efficiency ratio: Greater than 10
- Compressor Type: rotary
- Air Circulation: greater than 1000m3/hour
- Should have anti fungus/bacteria filter
- Should have ionization filter
- Should have digital temperature control
- Should be provided with remote control
- Noise level (indoor) in db: Less than 50 decibel
- Warranty period of two years
- Please quote rates for suitable voltage stabilizer (ISI marked with digital display, automatic, time delay start) to take care of voltage fluctuations
- Please quote rates for complete installation

Note: Please Submit EMD an amount of Rs. 4000/- In the shape of Bank Draft/ Pay Order in favour of Project Director, NRCPB, without EMD Quotation will be not be accepted.

3. **File No.** 6-73/09-NRCPB/7284-98 Dated: 06-09-09
Name of the Equipment Purchase of Temperature, Humidity & Dust Control System

Last Date 19-11-09
Specification Temperature, Humidity & Dust Control System **Two Nos.**

- (a) Two split AC's of min 2 Ton capacity with atleast 5 star grading of energy saving supplied with stabilizer of appropriate rating Adhere Tochigi manufacturing standards.
- (b) Two air curtains of 5'each of standard ISI mark & One year outside Warranty & Installations.

Note: Please Submit EMD an amount of Rs. 2000/- In the shape of Bank Draft/ Pay Order in favour of Project Director, NRCPB, without EMD Quotation will be not be accepted.

4. **File No.** 6-63/09-NRCPB/7269-83 Dated: 06-09-09

Name of the Equipment Purchase of Dry Bath

Last Date 19-11-09

Specification **Specification for Dry Bath** 1 No.

- Digital Microprocessor controlled temperature and timer
- Operating temp :- +5⁰C to +110⁰C
- Digital Display
- Single and dual block modes for 0.5, 1.5 and 2 ml tubes.
- Should have Digital calibration
- Temperature uniformity and accuracy +0.2 ⁰C
- Timer 0-999 minutes
- Leak proof heating chamber with stainless steel

Note: Please Submit EMD an amount of Rs. 1500/- In the shape of Bank Draft/ Pay Order in favour of Project Director, NRCPB, without EMD Quotation will be not be accepted.

5. **File No.**
Name of the Equipment
Last Date
Specification

6-66/09-NRCPB/7224-38

Dated: 06-09-09

Purchase of Split AC's 2 Tons
19-11-09

Specifications for Electrophoresis system With Power Pack and Accessories

1 No.

1- Electrophoretic apparatus for Mini gel (~ 8 X 7 cm)

- 2- Versatile easy to use 2 mini gels (8x7 cm) SDS-PAGE simultaneously & capable of upgradation up to 4 mini gels (8 X 7 Cm) simultaneously
- 3- Flexible- Capable of running hand cast as well as precast gel.
- 4- Running and casting module should be different
- 5- Interchangeable module- Should be upgradeable/ capable of using blotting module to do western blotting.
- 6- Grounded glass plates with permanently bonded spacers & Leak proof, tape free and easy assembly
- 7- It should include 1.0 mm & 1.5 mm spacers & combs & extra short plates (2 packs)

2- Blotting Module

- 1) It should be compatible with mini gel (8x7 cm) SDS PAGE Unit.
- 2) It should be capable of doing the western blotting of the mini gels.
- 3) It should be able to run 2 blots simultaneously

3. Power Supply

- 1) Programmable power supply should be capable to operate four electrophoresis units simultaneously for four identical runs with graphic LED display.
- 2) The output range should be 10-500 V in 1V increments, 0.01-2.5 A in 1 mA steps, 1-500 W in 1 Watt steps
- 3) Constant voltage, current or power with Automatic crossover
- 4) Memory storage: 9 programs , 9 steps, Timer Control : 99 hr, 59 min
- 5) At least 4 recessed sets in parallel

- 6) Automatic Power up after Power failure, Safety features: No-load detection;
- 7) Sudden load change detection.

4. Large Gels- 16 X 16 cm SDS Page Apparatus

- 1) It should be able to run SDS, 1D, 2-D and Native gels
- 2) Should be capable of running up to 11 cm IPG strips
- 3) It should have single screw clamps on the casting stand that exerts uniform pressure along entire length of the glass plates, providing leak proof seal without tapes, grease, and agarose.
- 4) It should come with 1 .00 mm spacers, combs & other accessories needed to complete the unit.
- 5) It should be capable of running 2 to 4 gels simultaneously with cooling unit.
- 6) It should have all accessories to run the system

5. Blotting apparatus

- 1- It should be capable of doing the western blot of max. gel size (W X L) = 16 X 20 cm by using a tank transfer system.
- 2- It should have 12 mini gel, 6 midi gel & 3 large gel capacity.
- 3- Platinum coated titanium and stainless steel electrodes should be provided.
- 4- It should come with all required accessories.

6. Horizontal Electrophoresis system

1. A horizontal electrophoresis system should be able to run the gel size of 15x 25cm with safety lid.
2. A system should include UV transparent gel tray of size 15x25 with integrated fluorescent ruler.
3. A system should include tape free gel

- casting module for leak free operations.
4. A system should include casting gates to allow convenient casting of gels directly in the electrophoresis cells.
 5. A system should include two 1.5mm 15- & 20-well fixed height combs.
 6. A system should have the option for adjustable height combs with comb holders.
 7. A system should have a lock-in design to run precast ready agarose gels.
 8. Extra glass plates of 15 x 20 cm and 20 well comb should be supplied with the system.

- **Original literature from the manufacturer should be enclosed along with the offer.**
- **Company should be ISO/ internationally certified.**
- **The offer should include the list of previous (last one year) installations at reputed national centres.**

Note: Please Submit EMD an amount of Rs. 7000/- In the shape of Bank Draft/ Pay Order in favour of Project Director, NRCPB, without EMD Quotation will be not be accepted.