

**With reference to the advertisement published on 23.11.2020 in the Statesman ( English and Bengali version) inviting sealed tenders from suppliers/ agency/ vendors, from 25.11.2020 to 10.12.2020, to receive payment through IFMS Govt. of West Bengal and other funding agency specially DBT Star College Scheme for purchase of different items, the details are given below**

### **List of equipments for DBT Star College**

#### **Botany**

Cold centrifuge = Rs 1.75,000/-

Digital Water bath = Rs 10, 000/-

Compound Microscope Magnus Made , HB & GB , 10 pieces ,Rs 16000x7= Rs. 1,12,000/-

Phase Contrast Microscope = Rs 1,30,000/-

Digital Autoclave= Rs.40,000

Laminar AirFlow=Rs.2,20,000

CellFrost=Rs.30,000

Geni made Horizontal gel electrophoresis & Power Pack=Rs50,000

UV Transilluminator = 70, 000/-

Low Temp. Circulating water bath Rs.50,000/-

Net house = Rs 43, 000/-

#### **Chemistry**

Fluorimeter

sample vol of 1micro litre, limit of detection 0.5ng/ml- 5µg/ml, measurement time – 5sec/sample Rs. 3,00,000

UV visible spectrophotometer (double beam) with all components - Rs. 3,00,000

1. Digital melting point bath- Rs. 40,000

2. Two Centrifuge- Rs. 60,000

3. Low temperature reaction chamber-Rs. 3,00,000

#### **Mathematics**

For UG analytical LAB

Personal Computers @Rs. 50,000X16=Rs.8,00,000

Printer @Rs 15,000x2= Rs.30,000

LAPTOP @Rs 70,000 x 1= Rs. 70,000

#### **Physics**

1. Desktop Computer- 6 sets (Approx Rs 40000 each = Rs 2,40000)

2. Printer 2 sets (each 10000 = 20000)

3. Sextant 2 sets (approx. Rs 15000 each= Rs 30000)

4. Optical lever with telescope set up 2 sets (approx Rs 17000 each = Rs 34000)

5. Platinum Resistance Thermometer 2 sets (Approx 13000 each = Rs 26000)

6. Lees Choltron complete set up 2 sets (5000 each= 10000)

7. Thermocouple 1set (approx Rs 15000)

8. Lamp and scale arrangement 6 sets (Rs 4000 each= Rs 24000)

9. Elastic constant by Searle's method 2sets (Rs 8000 each= Rs 16000)

10. Ionisation potential of mercury set up 2sets (Rs 17000 each = Rs 34000)

11. Spectrometer (20 sec vernier) 3 set (approx. Rs 75000)
12. Regulated DC Power supply 5V, 12 V (both fixed and variable, 5-6 pc) (approx. Rs 20000)
13. Polarimeter set up (INCO; 2 approx. Rs 20000)
14. Newton's ring set up (approx. Rs 12000)
15. Power transistors, JFET, MOSFET- 2 (approx. Rs 10000)
16. True rms Ac millivoltmeter 2 sets (Rs 12000 each = rs24000)
17. Hall effect experimental set up – 1 Rs. 25000
18. Electromagnet with power supply – 1 Rs. 25000
19. e/m by Thomson method – 1 Rs. 21000
20. Cathode Ray oscilloscope (30-50 Hz, Dual channel) 2 sets (Rs 285000 each = Rs 570000)
21. Function generator 2 sets (approx. Rs 50000)
22. Fresnel Biprism set up including optical bench (approx. Rs 60000)
23. ORIGIN software (approx. Rs. 50000)
24. Cathode Ray oscilloscope (30-50 Hz, Dual channel) 2 sets (approx. Rs 28500 each = Rs 57000)
25. Measurement of Magnetic Susceptibility by Quincke's method – Rs. 25000
26. Measurement of ionization potential of mercury – Rs. 20000

### **Zoology**

1. Stereo binocular Microscope @Rs38,000x4=1,52,000
2. Variable Micropipette @5200x9=46,800
3. Geni made Semi Dry Blot=1,30,000
4. Wensler Digital Balance(0.001g):Rs 24,000
5. Computer (@35,000x5):Rs.1,75,000
6. ScannerPrinter:Rs 25,000
7. 'Geni' made UV Tran illuminator: Rs.55,000
8. 'Geni' Vertical Gel electrophoresis ( @14,000x2): Rs.28,000
9. Power Supply (@30,000x2): Rs. 60,000
10. 'BIORAD' made Gradient PCR PT 100: Rs. 2,34,000
11. Camera Trap: Rs. 30,000
12. Laser Range Finder : Rs. 25,000
13. Olympus Binocular (Rs 3200 x 5): Rs.16,000

### **Chemicals and glass wares**

Offers should be given on Price List of 2020-21

SIGMA, Merck, E-Merck, SRL, RanChem, LOBA, HIMEDIA, GENI and any nationally and internationally reputed manufacturers.

Glassware and Labware:

Offers should be given on Price List of 2020-21

Borosil, Lily, Tarson, HIMEDIA, GENI and any nationally and internationally reputed manufacturers. Other Glassware manufacturers should offer only Borosillcate glasswares.

### **Books for different departments.**