

# BHAGALPUR COLLEGE OF ENGINEERING

NH -80, SABOUR, BHAGALPUR- 813210

(Department of science & Technology, Government of Bihar)



Ref: TEQIP/Cell/0183

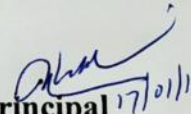
Dated: 17/01/2019

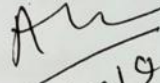
## Letter for Expression of Interest

Bhagalpur College of Engineering intends to procure equipments for **Chemistry (Digital) Lab** for **Chemistry Department** under **TEQIP-III**. List of equipments with specification are mentioned in Annexure-1. Interested manufacturers/Suppliers are requested to submit following details through mail by **23-01-2019**, at **tpobcebgp8@gmail.com**.

### Information Required:

- (1) Name of the firm:
- (2) Complete address with pin
- (3) Name of contact person
- (4) Email id of the contact person
- (5) Mobile no of the contact person

  
Principal 17/01/19  
BCE, Bhagalpur

  
17-1-19

**Annexure- I**

S. No	Requirement	Specification	Quantity
1	Digital pH meter	Type Table-Top Display 3 Digit LED display Type: Range : 0 to 14 pH Resolution : 0.01 pH	01
2	Digital Conductivity Meter	Accuracy: +1%, Display Type: LED DISPLAY, Calibration Points: Single Point, Cell Constant: 1.0 Constant, Electrode Type: Cell Type, Temperature: 0-50 degree C, Portable Model Display Size: 3 ½, Grade: Automatic, Dimensions: 250 mm X 185 mm X 85 mm	04
3	Digital Potentiometer	Input configuration: Bipolar, Range: 0 to + or – 1999 V, Resolution 1 mV, stirrer speed – 0 to full speed, polarization current – 10 micro ampere for metal to metal electrode, Input Impedence – 10 Ohms, Polarity – Automatic, Display – 3.5 Digit LED	04
4	Digital Weighing Balance	<p><b>Minimum measurement: 01 mg, maximum : 610 gm</b></p> <p><b>Capacity(g) x Readability (mg): 610 g x 1 mg</b></p> <p>Reproducibility (std deviation) milligrams (mg): ± 1 mg</p> <p><u>Linearity</u> milligrams (mg): ± 2 mg</p> <p>Response Time (average): 1 second</p> <p><b>Tare Range: FULL to Capacity</b></p> <p>Selectable Weight Units : g, ct, mom, kg, lb, oz, ozt, tlh, tls, tlt, GN, dwt, mg, parts   lb, tlc, Kt, tol, bat, MS, N</p> <p>Selectable Application Programs:                      Counting, Weighing in percent, Density determination, Peak hold, Unstable condition, Checkweighing, Mixing, Conversion, Statistics, Components</p> <p>Display : Touch screen with Sartorius graphical user interface</p> <p>Allowable Ambient Operating Temperature 10° C to 30° C (50° F to 86° F)</p> <p>Sensitivity Drift: (10° - 30°C/50°F-86°F) ± 2 ppm / °K</p> <p>Motorized Internal Calibration: YES</p> <p>External Calibration: <b>500g Optional, not included</b></p> <p>Pan Size: 120 mm / 4.75 in</p> <p>Draft Shield Chamber Height                      (from pan to top of glass door):                      209 mm / 8.22 in</p> <p>Dimensions (entire balance) : W x D x H                      218 x 359 x 319 mm                      8.6 x 14.1 x 12.6 in</p> <p>Interface : mini USB</p> <p>Leveling: Manual with two front leveling feet with the assistance of optoelectronic level sensor with alarm function and interactive user guidance for reliable and safe leveling</p> <p>GLP/GMP Data Capability: YES GLP printout capability</p> <p>Internal Clock : YES</p> <p>AC Power Source: AC Adapter 120 VAC</p> <p>Housing Design: Aluminum Die-cast base with coated ABS top housing</p> <p>Weigh Sensor: <b>Magnetic Force Restoration</b></p> <p>Standard Equipment: 120V AC Adapter, In Use Dust Cover, Manual</p>	01