

# BHAGALPUR COLLEGE OF ENGINEERING

NH -80, SABOUR, BHAGALPUR- 813210

(Department of science & Technology, Government of Bihar)



Ref: TEQIP/cell/0215


Dated: 04.02.2019

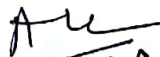
## Letter for Expression of Interest

Bhagalpur College of Engineering intends to procure equipments/items for **Fluid Mechanics Lab** for **Mechanical Engineering Department** under **TEQIP-III**. Scope of work is mentioned in Annexure-1. Interested vendors are requested to submit following details through mail by **10-02-2019**, 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  
BCE, Bhagalpur

  
4-2-19

S. No.	Requirement	Specification	Quantity
1	Orifice & Mouthpiece Apparatus	<p><b>Specifications:</b></p> <ul style="list-style-type: none"> <li>• Basic Set-up : This is the basic module required by all the experimental setups.</li> <li>• Storage Tank: 1000 mm x 300mm x 400 mm.</li> <li>Measuring Tank 300mm x 400mm x 500mm.</li> <li>• Collecting Tank: Size of the collecting Tank is 300 mm x 300mm x 600 mm fitted with drain valve 1" size Mano meter Tube. With marking scale.</li> <li>• MonoblockPump :Monoblock 1ph, ½ HP pump shall be provided with the setup which shall be mounted on the base plate. Necessary piping with by-pass valve and suction piping are provided. The connection for the test equipment is made by flexible Hose-pipe.</li> <li>• The Equipment: The present equipment is a set-up used to study the performance of Orifice meter &amp; Mouth Piece. Supply along with large dual LCD with backlight, Data hold facility, Max/Min/Average value with relative time setup, USB computer interface</li> </ul> <p><b>Range of Experiments:</b></p> <p>The apparatus is designed to measure the co-efficient of discharge of orifice &amp; mouthpiece.</p>	01
2	Pitot Tube Apparatus	<p><b>Specifications:</b></p> <ul style="list-style-type: none"> <li>• The Unit should consist of</li> <li>1) Pitot tube for 1" pipe line</li> <li>2) Pipe Line for Pitot tube</li> <li>3) 0.5 HP High Head Mono block.</li> <li>• 300mm height Differential Manometer</li> </ul> <p>Supply along with large dual LCD with backlight, Data hold facility, Max/Min/Average value with relative time setup, USB computer interface Measuring Tank: 300 x 300 x 500 mm</p> <p>Supply Tank : 1000 x 300 x 400 mm</p> <ul style="list-style-type: none"> <li>• Instruction Manual.</li> </ul>	01