



University of Calcutta
Dept. of Applied Physics
92 APC Road, Kolkata 700009

Tender Notice

Enq No.: AP/ENQ/UGC-SAP-DRS-II/RG/ENQ/18-19/10;

Date: December 18, 2019

To

The All Interested Parties

Dear M/s.

Please submit sealed quotation within **December 30, 2019 (4 PM)** at the Office of the Department of Applied Physics for the following items.

Please enclose the copy of the following papers along with the quotation.

1. Trade License, 2. PAN Card, 3. GST Registration; 4. Distribution and selling certificate from the OEM.

(A) Biomedical Sensors and amplifiers compatible with MP160 Data Acquisition System from Biopac® Systems, Inc.

Quantity: One set each.

Specifications:

1. Infrared type Photoplethysmogram (PPG) sensor and PPD 100D amplifier with the following features:
 - (a) High pass filter: 0.5Hz, low pass filter: 3 Hz and maximum band width of DC-25 Hz and should be compatible for pulse transducer.
 - (b) Should be easy to plug in the amplifier, attach electrodes/transducers to subject, and should be configurable using the set-up wizard from Acknowledge® software.
 - (c) Amplifier should have a RJ11 cable/connector that connects to the MP160 data acquisition system.
2. Electrocardiogram (ECG) sensor and ECG 100D amplifier with the following features:
 - (a) Should have gain of 2000 with normal bandwidth of high pass filter: 1 Hz, low pass filter: 35 Hz and maximum bandwidth of 0.05 Hz to 150 Hz and should be compatible with electrode leads.

All smart amplifiers should come with 1 x clip for attaching Smart Amplifier to subject, 10 x silicone cable ID tags for easy identification, 1 x zippered carrying case (16 x 10 x 3.5 cm) 1 x silicone cable wrap for optionally shortening overall cable length 1 x cable management for routing cable around the subject Electrode leads, electrodes.

Dr. Rajarshi Gupta
Deputy Coordinator,

For
UGC SAP DRS-II Program
Dept. of Applied Physics
University of Calcutta

For queries, please contact: rgaphy@caluniv.ac.in

Mobile: +91-8240669580