JAGANNATH BAROOAH COLLEGE
(Autonomous)
(Established: 1930)

From: ***Dr. Utpal Jyoti Mahanta***, M.Sc., Ph.D., Principal

Ref. No.: JBC/Tender/2024/08 Date: 23-02-2024

NOTICE INVITING QUOTATION

Jagannath Barooah College (Autonomous) invites quotations in sealed envelope from eligible manufacturers/suppliers/dealers for the supply of items for the work 'Procurement of Undergraduate Laboratory Instruments for the Department of Physics' detailed below. The interested bidders may submit the hardcopy of the price quotes in the Office of the Principal between 11:00 AM to 04:00 PM on all the working days till the Closing Date mentioned below.

Quotations Floating Date	February 23, 2024
Quotations Closing Date & Time	March 1, 2024 (4:00 PM)
Date of opening of sealed quotations	March 2, 2024 (1:00 PM)

Details of items:

Sl No	Name of the instrument	Quantity
1	Apparatus for the measurement of Planck's constant using black body radiation and photo-detector	1
2	Apparatus to study Photo-electric effect	1
3	Apparatus to determine work function of material of filament of directly heated vacuum diode	1
4	Apparatus to setup the Millikan oil drop apparatus and determine the charge of an electron	1
5	Apparatus to show the tunneling effect in tunnel diode using I-V characteristics	1
6	Apparatus to determine value of Boltzmann constant using V-I characteristic of PN diode	1
7	Apparatus to study V-I characteristics of PN junction diode	1
8	Apparatus to study V-I characteristics of Light emitting diode	1
9	Apparatus to study the V-I characteristics of a Zener diode and its use as voltage regulator	1
10	Apparatus to study the characteristics of a Bipolar Junction Transistor in CE configuration	1
11	Apparatus to study the various biasing configurations of BJT for normal class A operation	
12	Apparatus to design a CE transistor amplifier of a given gain (mid-gain) using voltage divider bias	1
13	Apparatus to study the frequency response of voltage gain of a RC-coupled transistor amplifier	1
14	Apparatus to design a Wien bridge oscillator for given frequency using an op-amp	1
15	Apparatus to design a phase shift oscillator of given specifications using BJT.	1
16	Apparatus to study the Colpitt`s oscillator.	1

General Terms and Conditions

i) Tender application should include photocopies in support of all the applicable eligibility criteria (Trade License, PAN card, GST registration number, etc.) and the technical details of the quoted items.
ii) Rates quoted should be on DOOR DELIVERY at J.B. College, Jorhat basis.
iii) The successful bidder(s) must supply the items within 30 days of the receipt of the work/purchase order.
iv) No sublet. Bidders awarded the supply order must supply.
v) Conditional tenders shall not be accepted by the tender inviting authority.
vi) Acceptance of the lowest bidder is not obligatory on the College authority and the College reserves the right to reject any or all tenders without assigning any reason thereof. No enquiries/claims will be entertained from the bidders in these regards.

Sd/-
Principal, J.B. College, Jorhat