

LBS COLLEGE OF ENGINEERING, KASARAGOD

QUOTATION NOTICE

No. D-1156/2021 BSK-50

Date: 18.10.2022

Sealed competitive quotations are invited for the supply erection, testing and commissioning of Klystron Tube, Klystron Power supply, Klystron Mount, Mechanical Turn Table for ECE Department in this institution specified in the schedule attached. Super scribing quotations for the supply of materials against quotation **No. D - 1156/2021 BSK-50** due on 05/11/2022. The rates quoted should be for the delivery of the items at the college. Quotations received after the time fixed on the due date is liable to be rejected. Maximum period required for the delivery of items should also be mentioned.

The prices quoted should be inclusive of all taxes, duties etc. The quotationer shall also quote the percentage of rebate/discount if any offered by them against the items.

Special conditions if any or printed on quotation notice will not be applicable to the contract unless they are explicitly accepted in writing by the undersigned.

Due date and time for Receipt of Quotation	:	05/11/2022 at 2 pm
Date and time of opening the Quotation	:	05/11/2022 at 3 pm
The Designation and address of the Officer	:	The Principal
Date up to which the rates are to remain firm for acceptance	:	6 Months
To whom the Quotation is to be addressed	:	LBS College of Engineering, Muliyar (P.O), Kasaragod- 671 542


PRINCIPAL

Encl: Specification of item

Copy to:

- 1) College website
- 2) Notice Board.



Klystron Power Supply-1, Klystron Tube-1
Klystron Mount, Mechanical Turn Table

ITEM	QUANTITY
Klystron Power Supply	1
Klystron tube	1
Klystron Mount	1
Mechanical Turn Table	1

Specifications

1)Klystron Power Supply

Beam Supply

Voltage Range : 200-450 V Continuously Variable

Current : 50 mA Max.

Regulation : Better than 0.5% for 10% variation in the main supply voltage.

Ripple : Less than 5mV rms

Repeller Supply

Voltage Range : 10 V to 270V Continuously Variable with respect to Klystron Cathode.

Regulation : 0.25% for 10% variation in the main supply voltage.

Heater Supply : 6.3 V DC (Regulated)

Modulation

Square Wave : Max. Amplitude: 110V Peak to Peak, Freq. : 400Hz-2500Hz, Amplitude and frequency constantly variable

Sawtooth wave : Amplitude : 60 V Max. peak to peak, Freq. : 50 Hz to 150 Hz, Amplitude and frequency constantly variable

Operating Voltage : 230 V± 10%, 50 Hz, A.C.

Warranty : One year

2)Klystron tube(2K25)

Band:X

Frequency range: 8.20GHz-12.40 GHz

Voltage: 250 - 300 V

Current:0.44 A at 6.3 V heater

Power output-35-50mW

Warranty : One year

3)Klystron mount

Band: X

Frequency range: 8.20GHz-12.40 GHz

Waveguide: WR-90

4) Radiation Pattern Measurement Turn Table

Mechanical Turn Table Should have 4 wave guide stands

Condition:

The items listed for the antenna experimental setup should be quoted as a whole and total rate should be mentioned

Items will be tested for compliance of parameters before acceptance



PRINCIPAL