

NOTICE**Quotation No:15/2023-24**

Sealed quotations are invited for the supply of the various equipment( Gun Diode Oscillator, Klystron Power Supply, Klystron mount, Klystron Tube ), as detailed below .

specified in the schedule attached below/overleaf. The rates quoted should be for delivery of the articles at the place mentioned below the schedule. The necessary superscription, due date for the receipt of quotations, the date up to which the rates will have to remain firm for acceptance and the name and address of officer to whom the quotation is to be sent are noted below. Any quotation received after the time fixed on the due date is liable to be rejected. The maximum period required for delivery of the articles should also be mentioned. Quotations not stipulating period of firmness and with price variation clause and/or 'subject to prior sale' condition are liable to be rejected.

The prices quoted should be inclusive of all taxes, duties, cesses, etc. which are or may become payable by the contractor under existing or future law or rules of the country of origin/supply or delivery during the course of execution of the contract .Special conditions, if any, printed on the quotation sheets of the tenders or attached with the tender will not be applicable to the contract unless they are expressly accepted in writing by the purchaser.( GSTIN-32AAAGP0670C1ZW)

Superscription : D1/3240/23 Purchase of various equipment to Electromagnetics Lab of Electronics and Communication Engineering Dept.

Quotation No : 15/2023-24

Due date and time for receipt of quotations : 07.09.2023 2.00 PM

Date and Time for opening Quotation : 07.09.2023 3.00 PM

Date up to which the rates are to remain firm for acceptance : 31.03.2024

Designation and address of Officer whom the quotation is to be addressed : Principal  
Rajiv Gandhi Institute of Technology, Kottayam

Place:Kottayam

Date:09.08.2023

<b>Details of items</b>	<b>Quantity</b>
1. Gun diode Oscillator	2 Nos.
2. Klystron Power Supply	2 Nos.
3. Klystron mount	2 Nos.
4. Klystron Tube	2 Nos.

Place:Kottayam

Date:09.08.2023

Rajiv Gandhi Institute of Technology, Kottayam

**Approval Valid**

Digitally Approved By  
Dr.Prince A  
Date: 09.08.2023  
Reason: Approved

The document is digitally approved. Hence signature is not needed.

**List of items to be purchased**

Sl. No.	Item Details	No. of items
1.	<p align="center"><b>Gun diode Oscillator</b></p> <p align="center"><b>Specifications:</b></p> <p align="center">Nominal Power output : 10 mW                      Freq Range : 8.2 to 12.4 Ghz                      Pushing Factor : 8 Mhz/V                      Bios Voltage : 10 V                      Nominal Power output : 10 mW                      Temp Coefficient : +0.2 MHz/c                      Frequency Adjustment : Micrometer type                      Temp Coefficient : +0.2 MHz/c                      Frequency Adjustment : Micrometer type.</p>	2 Nos
2.	<p align="center"><b>Klystron Power Supply</b></p> <p align="center">A. Voltage Range : 195-400 V Continuously variable.                      Current :45 mA Max.                      Regulation : Better than 0.5% for + 10 % variation in Mains supply voltage.                      Ripple : Less than 5 m Vrms ( on load)                      B. Repeller Supply :                      Voltage Regulation : -10V to -300 VDC Continuously variable with respect to Klystron Cathode                      C. Heater Supply : 6.3 v (Regulated)                      D. Modulation : Square Wave : Freq : 500 Hz- 1.7 KHz Max                      Amp. +110 V Volt peak to Peak.                      Amplitude &amp; Frequency continuously variable.                      Modulation : Saw Tooth ; Freq : 50 Hz – 196 Hz, Amplitude -60 V max, peak to peak Amplitude &amp; Frequency continuously variable.                      Operating Voltage : 230 v + 10 %, 50 Hz. A.C.</p>	2 Nos
3.	<p align="center"><b>Klystron mount</b></p> <p align="center">Frequency Range : 8.2 to 12.4 GHz                      Flange : UG – 39/U, Waveguide : RG-52/U</p>	2 Nos
4.	<p align="center"><b>Klystron Tube</b></p> <p align="center">Frequency Range : 8.2 to 12.4 GHz</p>	2 Nos

1. The quotation no. and reference no. should be super scribed in the sealed quotation cover
2. Rate should be quoted for the item.
3. The payment will be made after the satisfactory completion of the supply and verification by the department.

Dr.Prince A  
Principal