**ODISHA UNIVERSITY OF TECHNOLOGY AND RESEARCH, BHUBANESWAR**

**(Formerly College of Engineering & Technology, Bhubaneswar)**

**DEPARTMENT OF PHYSICS**

**Techno Campus, Ghatikia, P.O. - Mahalaxmivihar,**

**BHUBANESWAR-751029, ODISHA, INDIA**

Letter No. 718/Phy/OUTR Dated: 05-07-2022

**QUOTATION CALL NOTICE**

Sealed quotations are invited from registered Original Equipment Manufacturer/ Suppliers/Agencies/Authorized dealers having GSTIN, PAN for supply of Laboratory Equipments at Department of Physics, Odisha University of Technology and Research (Formerly College of Engineering and Technology, Bhubaneswar), Techno Campus, Ghatikia, Mahalaxmivihar, Bhubaneswar- 751029.

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| --- | --- | --- | --- | --- | --- | --- |
| **Sl.**  **No.** | **Name of** Equipment **with Specifications** | **Qty** | **Unit Price**  **without GST** | **Total Price without GST** | **GST% & Cost** | **Total Amount with GST** |
| 1 | **To study the various biasing configuration of BJT for normal class A operation** :  Technical Specification - DC Supply : +12V Fixed, Transistor : CL100S-3nos  Digital Voltmeter : 0-20V DC, Digital Ammeter :0-200mA DC  Digital Ammeter : 0-200µA DC, Resistor :1KΩ-3nos, 200KΩ-3nos,2.2KΩ-2nos | 02 |  |  |  |  |
| 2 | **To study the frequency response of voltage gain of an RC coupled amplifier** :  Technical Specification:- AC Source Signal:200KHz/15mV Sine wave, Square & Triangle Transistor :BC107BP-2nos, Resistor:33KΩ-2nos, 330Ω-2nos, 3.3KΩ-2nos,1KΩ-2nos, Capacitor:100µF-3nos,10µF-2nos, Interconnection:2mm patch cord, Mains Power:230V/50Hz,Optional Essential Accessories, Cathode Ray Oscilloscope | 02 |  |  |  |  |
| 3 | **Callander and Griffith's Bridge:**  Technical Specification -  Calendar and Barn’s continuous flow calorimeter AC Ammeter : 0- 3A (Moving Coil), AC Voltmeter : 0-10V (Moving Coil), Thermometers : 10°C to 100°C -2nos, Measuring cylinder : 0 to 100mg, DC Supply : 2V to 12V/3A, Three Flow Water contain Beaker -1 no, Rubber tubing : 8mm - 2Meter | 02 |  |  |  |  |
| 4 | **Determination of Reduction Factor of Tangent Galvanometer Apparatus :** Technical Specification -Tangent galvanometer, Commutator, Rheostat, a battery or a battery eliminator (0 - 6 V), Ammeter and DC wire | 02 |  |  |  |  |
| 5 | **Determination of Young's Modulus of a wire Optical Lever Method :**  Technical Specification: Brass Rod: 1 meter G clamps with sharp knife edges, 2 sets of mirror, holder, Slotted weights: (500g x 4 nos.= 2kg), Cylindrical base with telescope, Screw Gauge and Meter Scale | 02 |  |  |  |  |

The intenders are required to submit the offer enclosing GSTIN, PAN in their quotations. The registered original equipment manufacturer/suppliers/Agencies/Authorized dealers should write quotations for **"Supply of Laboratory Equipments to the Department of Physics, OUTR”**in bold letters with Quotation Call Notice No. and Date on covered envelope. The intenders should quote as per the above format in their letter head.

The last date submission of quotations is **25.07.2022 up to 4.00 PM** addressing to the **Officer On Special Duty, Odisha University of Technology and Research, Bhubaneswar (Formerly College of Engineering and Technology, Bhubaneswar), Techno Campus, Ghatikia, Mahalaxmivihar, Bhubaneswar- 751029** by Speed post/Registered post only. Through Hand and Courier service delivery are not accepted. The authority will not responsible for any postal delay. The quotations will not be received after scheduled date and time. Suitable penalty amount will be imposed if the supply, installation, commissioning and testing is not fully completed within the stipulated date.

The authority reserves the right to reject any or all quotations without assigning any reason thereof.

**Terms and Conditions:**

1. The cost of the above-mentioned items should be quoted mentioning make, model number and detailed technical specification.

2. The rate quoted should be inclusive of all packing, delivery and installation at Department of Physics, OUTR, Bhubaneswar.

3. Delivery of equipments and installation of the same at Department of Physics, OUTR, Bhubaneswar should be made within the stipulated period from the date of issue of the Purchase order.

4. It will be responsibility of intenders to provide necessary spares consumable which may be required during the installation at his own cost.

5. The intenders are required to submit the offer along with PAN card and GSTIN registration certificate.

6. The firm should not be black listed during last three financial years.

7. One percent penalty amount will be imposed per week if the supply, installation, commissioning and testing is not fully completed within the stipulated date.

**Head of the Department**