UNIVERSITY INSTITUTE OF ENGINEERING & TECHNOLOGY
UNIVERISTY OF JAMMU

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No. UIET/JU/17/69
Dated 29/08/2017

Tender Notice for Scientific / Laboratory Equipments and Accessories in UIET (List enclosed).

Quotations are invited for the supply of the Scientific / Laboratory Equipments and Accessories in UIET for the items as per the list enclosed below for laboratory purposes.

Kindly quotes your rates indicating time of delivery and all other terms and conditions of the supply. While quoting following points must be carefully noted:

1. Rates should be F.O.R University of Jammu (Main Campus).
2. Goods must conform to our indicated specifications. Detailed technical and other specifications /literature must be enclosed. Sealed tenders separately for Technical and Financial to be sealed in different envelopes **Marked "A" for Technical** and **"B" for financial** bids. They should be put inside single envelope subscribed as **"Tender for lab Equipments (UIET)**".
3. Samples of goods, where indicated must be enclosed.
4. Indicated concessional rates for educational institutions, GST or any other must be clearly mentioned separately. Prices quoted including sales tax will not be accepted and quotation rejected.
5. If any items are your propriety product or if you are the sole manufacturer of any item, a certificate to this effect is required to be enclosed.
6. Tenders addressed to the **Co-ordinator, UIET, University of Jammu** duly sealed /signed and tapped with official stamp, should reach this office latest by 21.09.2017.

Thanking you,

Yours faithfully

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(Prof Naresh Padha)
Co-ordinator

NOTE: 1. The financial bid only of technically approved firms would be opened.
2. Rates should be valid till 31st of March 2018.

LIST of Lab Equipment for UIET, University of Jammu

S.No.	Title of the Experiment	Quantity
1	To plot a graph between the distance of the knife edges from the center of gravity and the time period of a compound pendulum. From the graph, find **a) Acceleration due to gravity** **b) Radius of gyration and the moment of inertia of the bar about an axis through the center of gravity.**	02
2	To find the dispersive power of a given prism using a spectrometer.	02
3	To find the refractive index of a given liquid using a hollow prism	02
4	To find the focal lengths of a convex mirror and a concave lens using a convex lens and a concave mirror respectively.	02
5	To find the frequency of A.C mains using an electrical vibrator.	01
6	To draw the V-I characteristics of a forward and reverse bias P-N Junction diode.	01
7	To study the Common Base and Common Emitter characteristics of PNP and NPN junction transistor.	03
8	To evaluate the value of Planck's constant.	02
9	To study the characteristics of a Solar Cell.	02
10	CRO, 100MHz, channels : 2, Display: Color	01
11	Power Supply 0-30V DC/2Amps with fixed 5V/3.3V output	02
12	Multimeters	05
13	Breadboard	10
14	Wavelength of sodium light using a plane diffraction grating.	02
15	Wavelength of a monochromatic source of light using Fresnel's Biprism.	02
16	Specific rotation of sugar using laurent's half shade polarimeter.	02
17	Verification of Faraday's laws.	02
18	Wavelength of monochromatic light using Newton's rings Apparatus.	02
19	Co-efficient of self-induction of a coil by Anderson's bridge using head phone.	02
20	Value of e/m for electron by a long solenoid (Helical method).	02
21	Impedance of LCR series and parallel circuits.	02
22	Zener diode characteristics.	02
23	Specific resistance of given wire by using carry Foster's Bridge.	02
24	Wavelength of He-Ne gas laser.	02
25	Diameter of a thin wire using He-Ne gas laser.	02
26	Screw Gauge	05
27	Vernier Caliper	05
28	ToolKit	02
29	Soldering Rod + Accessories	05
30	Soldering Station	02