

No. P2/2658/15/GECBH

TENDER SCHEDULE

Superscription : Tender No. 09/2015-16

Last date and time receipt of tender : 11/11/2015 3pm

Date and time of opening of tender : 12/11/2015 11am

Last date and time of sale of tender form : 11/11 2pm

Date upto which the rates are to be firm : 31/03/16

Cost of tender form : Original Rs. 525/-
Duplicate Rs.263/-
By Post Rs. 575/-

Address of the Officer from whom Tender Forms are : THE PRINCIPAL,
to be obtained to whom tenders are to be send GOVT. ENGINEERING COLLEGE , BARTON HILL,
THIRUVANANTHAPURAM,
KERALA,
PIN -



Principal

PRINCIPAL
GOVERNMENT ENGINEERING COLLEGE
BARTON HILL
THIRUVANANTHAPURAM-35.

LIST OF ITEMS REQUIRED & Specification

No	Item	Description	Quantity
1	Set up for Diffraction with Diode Laser (Experiment to determine the slit or pinhole width)	Diode laser (Red with power supply), slits, pin hole, screen, optical bench(length- 500mm or greater), holders for transmission experiments, wire mesh, transmission grating , screen etc A photograph of the setup must be attached	1
2	Apparatus for studying Diffraction from reflection grating	Diode laser (Red with power supply), optical bench (length 500 mm or greater), kinematic laser mount, grating holder with stand, rail carriage, half meter scale (stainless steel), reflection grating A photograph of the setup must be attached	1
3	Newton's rings apparatus	Newton's rings setup with microscope, Sodium-vapor lamp with power supply, LEDs with power supply, LED mount with rigid base, piano convex lenses (focal length — 1m and 75cm), Optical flat, glass plate (beam splitter) An integrated set up is preferred. A photograph of the arrangement should be attached with quotation.	1
4			

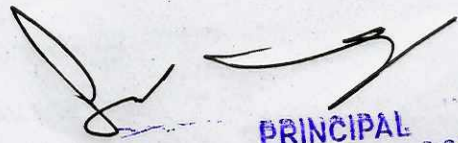
	Malus law apparatus (Polarization as a function of Position of Polarizer)	Detector based-optical rail (500mm or more), kinematic laser mount, detector mount, polarizer rotator with mount, rail carriages, detectors (pin hole detector with output measurement unit), diode laser with power supply(red) A photograph of the setup must be attached	1
5	Solar cell characterization set up	Solar module, circuit board, decade resistance box, digital multimeter (2 nos), flexible lead set, lamp source, switch module, power supply, cylindrical base, etc. A photograph of the setup must be attached	1
6	Multimeter	Digital multimeter- Provision for measuring DC and AC Voltage, Resistance and Continuity	1
7	Melde's Apparatus	Electrically driven tuning fork with Tungsten contact and its power supply, pulley, clamps, scale pan, weight box	1
8	Setup for diffraction with He-Ne laser	He-Ne laser, Slits, meter scale, optical bench, screen, etc.,	1

Additional conditions

1. Quotations shall be submitted by reputed firms having experience in installing similar items in other institution (A list of customers shall be appended)
2. Warranty of minimum two years must be offered for the items quoted.

3. A compliance statement together with all details and photograph of the setup must be submitted together with the quotation.
4. Manual of all experimental setups should be supplied with the equipment.
5. The set up should be installed by a trained person from the firm and should be demonstrated at the College laboratory.

Application for the tender form should be accompanied by a remittance of above prices fixed for the same and which is non-refundable under any circumstances. The tender forms are not transferable. Cost of tender form is only acceptable by money order or cash remittance to this office. As per condition the tenderer should send along with his tender an agreement executed and signed in Kerala Stamp paper value of Rs. 200/- and earnest money deposit 1% of the total cost of article tendered. Tenders without agreement, tender form and Earnest Money deposit will be rejected.



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