

# DIAMOND HARBOUR WOMEN'S UNIVERSITY

c/o Fakir Chand College, Diamond Harbour, South 24 Parganas, Pin – 743331.

Phone : 03174-258801/258802

Website : www.dhwu.ac.in

Ref. No. DHWU/Reg/LTI/470/2015

Date: 03-07-2015

## Limited Tender Inquiry (LTI) for Physics Laboratory 2015-2016

Sealed Limited Tender Inquiry are invited for supply of the following items.

Sl no.	ITMES
1	Determination of Hall coefficient, make SES, <b>model HEX-21</b> a) Hall probe (Ge crystal – n type) or Hall probe (Ge crystal – p type) b) Hall probe stand (wooden) (2) @ Rs. 225/- c) Hall effect set up model: DHE 21 d) Electromagnet. EMU 50 V(gap variable up to 50 mm) e) Constant current power supply model : DPS –50 f) Digital gauss meter model : DGM –102
2	Study of the energy band-gap and diffusion potential of P-N Junctions, PN-01 ( <i>Complete in all respect, except a oscilloscope</i> ) SES, Roorkee Acc: C.R.O 20Mhz,dual Trace , 20 MHz, Metravi, OS 5020
3	Study of a Transistor Amplifier(RC Coupled) Cum Feed Back Amplifier,RC-01,Make:SES,Roorkee Without oscillator/Function generator,A.C.Millivoltmeter and C.R.O. Function Generator (1Mhz) SES FG-01/PHY 102 FC AC Millivoltmeter SES. – ACM-102 C.R.O (dual-20Mhz) Metravi (OS5020) with 1:1&1:10 probe pair
4	Determination of band gap ---( Resistivity of Semiconductors by Four Probe Method at Different Temperatures ) And determination of the band gap make : SES ,DFP-02
5	Determination of Planck's constant using vacuum diode. Planck's Constant set by Photo Electric Effect- comp set with 5 nos Filter Make: SES, Model No: PC-101
6	Study of solar cell with digital voltmeter , digital current meter intensity control light source .& rotatable solar panel(for sun source) make: REL- comp set with 5 nos imp filter.

7	Verification of Bohr's atomic theory through Frank-Hertz experiment , make: SES, model: FH3001 Acc: C.R.O 20Mhz,dual Trace , 20 MHz, Metravi, OS 5020
8	Characteristics of operational amplifier, Model A002, Make: Gargi Enterprise (also required)

- **Last date of submission of the Limited Tender Inquiry in the University Office: 13-07-2015 upto 11.30 a.m.**
- **Date and time of opening the Limited Tender Inquiry:**  
**13-07-2015 at 12 noon**
- **Limited Tender Inquiry will only be accepted in the University Office on all working days from 11 a.m. to 3 p.m.**

**REGISTRAR**