

DIAMOND HARBOUR WOMEN'S UNIVERSITY

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Ref. No. DHWU/Reg/LTI/471/2015

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	<p>Ultrasonic interferometer 'OPTIREGION' make, complete set consisting of</p> <ul style="list-style-type: none">(a) High frequency generator 'Ultrasonic oscillator'<ul style="list-style-type: none">(i) Main voltage: 220V, 50 Hz(i) Range: single frequency, 2 MHz; Accuracy: 0.3%(ii) Glow lamp / Pilot lamp" 6.3V / 0.3A(iii) Fuse: 500 micro A(b) Measuring cell containing Precision micrometer on top side<ul style="list-style-type: none">(i) Max. displacement of the reflector: 20 mm(ii) Required quantity of liquid to be filled in the cell: 12 cc(iii) Least count of micrometer: 0.01 mm(c) R.F. Cable<ul style="list-style-type: none">(i) Length of cable between generator and cell: 50 cms. Approx.
2	<p>Fabry-Perot interferometer 'OPTIREGION' make, consisting of</p> <p>Short focal length telescope to observe the fringes</p> <p>SOURCE</p> <ul style="list-style-type: none">(a) Sodium vapour lamp with choke & enclosure(b) Diode laser with power supply and kinematic mount<ul style="list-style-type: none">Output power: 3-5 mw; Wavelength: 650nmKinematic mount to hold the diode laser with post, post holder and base. By using the screws provided at the rear face of the mount, you may change the position of laser beam precisely in vertical and horizontal plane(c) He-Ne laser with power supply and its mount<ul style="list-style-type: none">Output power: 2.0 mw; Wavelength: 632.8 nmMount to hold the laser tube and provided with a mechanism to hold the laser head in vertical & horizontal plane(d) Screen with graph paper pasted with post, post holder and base

- **Last date of submission of the Limited Tender Inquiry in the University Office: 13-07-2015 upto 11.30 p.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