



NOTICE INVITING QUOTATION

TU/11-24/Pur/Qtn/2018-19/950-A Dated: 31.05.2018

Sealed quotations are invited from reputed manufacturers/authorized dealers/vendors for supply, installation & commissioning etc. of following items required for the DBT sponsored research Project of Dr. A. M. Ramteke, Department of Molecular Biology & Biotechnology, Tezpur University. Quotation should be submitted in the DROP BOX placed in the reception of the Administrative Building of the University within **3.00 PM of 29.06.2018**. If posted/couriered, should reach within the specified time and date addressed to "The Assistant Registrar-GA, Tezpur University". The Quotation Notice No. and date should be clearly superscribed in the the envelope/packet containing the quotation. The Quotations received will be opened on the **29.06.2018 at 4.00 PM**. The quotationer(s) or their authorised representative(s) may be present while opening the quotations.

LIST OF EQUIPMENT(S) WITH SPECIFICATIONS

Inverted Florescent Microscope

a. **Microscope Frame:**

Frame should be stable/high static rigidity, waterproof and compact to fit in any environment. Transmitted light intensity control, and ON/OFF switch. Frame should have six revolving nose pieces. Focusing should be preferably 10 mm or more. Microscope should upgradable to DIC application in future

b. **Observation tube:**

Binocular adjustment tube with diopter adjustment

c. **Transmitted light:**

100W transmitted light illumination pillar with tilt mechanism, condenser holder, adjustable field iris diaphragm, with 4 or more filter holder

d. **Eye piece:**

10X eyepiece having 22mm field view or more with diopter adjustment. Crossed scale reticles to be supplied separately for image quantitation

e. **Mechanical staging:**

Mechanical XY stage with universal sample holder for multiwall plates, glass slides, petri-plates etc.

f. **Condenser:**

Long working distance universal condenser with 6 or more position turret, minimum 7 position disk and equipped with all transmitted light contrasting methods (BF, PH and DF). Interference green contrast filter

g. **Fluorescence attachment**

Filter turret with 6 or more positions, Adjustable aperture ad field diaphragms, should have 4 to 6 positon light filter wheel/slider. Mercury light/LED source, power supply to mercury lamp meets RoHS regulation.

h. **Fluorescence filters**

Fluorescence filter for DAPI, Hoechst dyes (violet excitation); FITC, green fluorescent protein (GFP), Alexa Fluor 488 (blue excitation); TRITC, Cy3, Alexa Fluor 546, RHOD, Mito Tracker Red CMXRos (green excitation). All filters should not have any pixel shift. All filter should have long life hard coated with band pass filter in excitation and band narrow pass filter in emission for preventing cross talk.

