



Office of the Registrar
KAZI NAZRUL UNIVERSITY

Nazrul Road, Kalla Bypass More,
P.O. – Kalla (C.H.), Dist: Paschim Bardhaman, Pin – 713340

Ref: **KNU/R/ANMSC/NIT-04/637(01)/2020**

Date: **18.08.2020**

Corrigendum No.- 1

Tender Notice No.- Ref. No. **KNU/R/ANMSC/NIT-04/637/2020**, Dated 12.08.2020

With reference to above mentioned Tender Notice invited through E-TENDER platform for procurement of Instruments/equipment for Animal Science Department, Kazi Nazrul University at Asansol through Online e-Tender, some clarifications given below on some points :

S. N.	Page No. /Clause No. / Item	Clause	Read as
1	Page 11, 6.3 Financial Bid/ ITEM/ Sl. No.29 (Upright Fluorescent Microscope)	Microscope Body: Automated microscope for brightfield, darkfield, phase contrast and fluorescence applications with LED illumination for transmitted light with minimum lamp life of 50000 hrs or better. Should have integrated compensation mechanism to eliminate any focus drift during long term observation to ensure consistent sharp image. Built in coarse and fine focussing knobs with different focussing functions. Automated objective nosepiece with minimum 6 positions or better <ul style="list-style-type: none">Automated Switchable condenser for brightfield and phase contrast applicationObjectives: Fluorescence grade objectives suitable for above mentioned brightfield techniques and fluorescence 10x/0.25, 20x/0.35, 40x/0.75 and 100x/1.3 (oil immersion).Eye piece: Pair of eye piece 10x with 22 mm field of view and dioptr adjustment for both eyes. condenser for condenser for witchable condenser for bright field and phase contrast applicationObjectives: Fluorescence grade	<ul style="list-style-type: none">Microscope Body: Automated microscope for brightfield, darkfield, phase contrast and fluorescence applications with LED illumination for transmitted light with minimum lamp life of 50000 hrs or better. Should have integrated compensation mechanism to eliminate any focus drift during long term observation to ensure consistent sharp image. Built in coarse and fine focussing knobs with different focussing functions. Automated objective nosepiece with minimum 6 positions or betterAutomated Switchable condenser for brightfield and phase contrast applicationObjectives: Fluorescence grade objectives suitable for above mentioned brightfield techniques and fluorescence 10x/0.25, 20x/0.35, 40x/0.75 and 100x/1.3 (oil immersion).Eye piece: Pair of eye piece 10x with 22 mm field of view and dioptr adjustment for both eyes.Condenser: Switchable condenser for brightfield and phase contrast applicationObservation tube: Trinocular tube with 0/100 beam splitter for acquiring max signals



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	<p>objectives suitable for above mentioned bright field techniques and fluorescence 10x/0.25, 20x/0.35, 40x/0.75 and 100x/1.3 (oil immersion).</p> <p>(monochrome & color) Peltier cooled scientific CCD/CMOS 2/3" chip camera with 7 MP resolution and image acquisition of 18 fps or better in both modes. Should include 0.63x/0.7x Cmount adaptor.</p> <ul style="list-style-type: none">• Software: Licensed imaging software for Fluorescence Multichannel acquisition, Image Overlay image analysis, Interactive measurement, Intensity measurements, counting, line profile, spatial measurements such as length, width, area, perimeter etc. Multi time movie, Timelapse. Software should control all the automated components including microscope and light source.• Data Processing Unit: Branded PC with i5/i7 processor, minimum 8 GB RAM, NVIDIA graphics card with 1 GB RAM, 500GB SATA HDD or higher, Original Windows 10 OS, DVD RW, at least 24" monitor, keyboard and optical mouse. Minimum 5 Installation report of similar model should be provided• Warranty 3 Years	<ul style="list-style-type: none">• Stage: Mechanical xy stage with coaxial xy drive and both right and left hand operation• Fluorescence Illumination: Fluorescence filter turret with minimum 5 positions or better.LED based Fluorescence illumination with minimum lamp life of 25000 hrs or better. The unit should be controlled by same imaging software, should accompany with control panel for changing the wavelength and controlling intensity.Should include LEDs for UV, Blue, Green, Yellow and Red excitation. Pixel shift corrected fluorescence filtersfor DAPI/Hoechst, FITC/GFP and TRITC/Rhodamine/Cy 3• Camera: High resolution dual mode(monochrome &color) Peltier cooled scientific CCD/CMOS 2/3" chip camera with 7 MP resolution and image acquisition of 18 fps or better in both modes. Should include 0.63x/0.7x Cmount adaptor.• Software: Licensed imaging software for Fluorescence Multichannel acquisition, Image Overlay image analysis, Interactive measurement, Intensity measurements, counting, line profile, spatial measurements such as length, width, area, perimeter etc. Multi time movie, Timelapse. Software should control all the automated components including microscope and light source• Data Processing Unit: Branded PC with i5/i7 processor, minimum 8 GB RAM, NVIDIA graphics card with 1 GB RAM, 500GB SATA HDD or higher, Original Windows 10 OS, DVD RW, at least 24" monitor, keyboard and optical mouse. Minimum 5 Installation report of similar model should be provided <ul style="list-style-type: none">• Warranty 3 Years
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All the other terms and conditions of our above referred Tender Notice remained same.

Sd/-
(Prof. S. K. Ghosh)
Registrar (Addl. Charge)

Copy forwarded for information and necessary action to:

1. The Finance Officer, KNU;
2. The Development and Planning Officer, KNU;
3. The Coordinator, Dept. of Metallurgical Engineering, KNU;
4. The Estate Officer (Addl. Charge), KNU;
5. The Accounts Officer (Addl. Charge), KNU;
6. Head, Dept. of Animal Science, KNU;
7. The System Administrator/Analyst, KNU *with a request to upload the notice on website.*
8. Secretary to the Vice Chancellor for kind information to the Hon'ble Vice Chancellor;
9. File.

