



Date: - 14th October, 2019

Corrigendum
for
Tender
for
Fluorescence Microscope for the Research Project

NIT Issue Date	: 6 th September, 2019
NIT No.	: Admn/Tender/46/2019-AIIMS.JDH
Pre-Bid Meeting	: 16 th September, 2019 at 03:45 PM
Earlier Last Date of Submission	: 15th October, 2019 at 03:00 PM
Extended Last Date of Submission	: 30 th October, 2019 at 03:00 PM
Bid opening	: 31 st October, 2019 at 03:15 P.M

The following revised and additional specification will be added: -

1. On page 10, Para No. 2, Line No. 3

For

Stage rotation of 270 degrees

Read

Stage rotation of 240 degrees and above

2. On page 10, Para No. 3

For

Illuminator - Built-in-Koehler illumination for transmitted light

- 12V100W halogen bulb (pre-centered) Light
- Intensity adjustment centrally located so both hand
- Can be used to increase and decrease light
- New Eco Switch for Energy saving switch off the
- Light when user moves away from the microscope
- Light intensity LED indicator
- Light preset switch for photography
- Built-in filters (Blue Filter, ND6, ND25 filters)

Read

Illuminator - Long life transmitted LED illumination having long life more than 40,000 hrs Light intensity LED indicator

3. On page 10, Para No. 4

For

Revolving nosepiece - Removable Interchangeable reversed Septuple (Seven Position) Nosepiece.

Read

Revolving nosepiece - Nosepiece: 6x revolving nosepiece (capable of accommodating up to 6 objectives) mounted on ball bearing with highly precise click stops and should have slots for upgradation for DIC.

4. On page 10, Para No. 5, Line No. 2**For**

Plan Fluorite 10X, 20X 40X, 60X& Plan Apo 100XO N.A 1.40

Read

Plan Fluorite 10X, 20X 40X, 60X& Plan Apo 100XO N.A 1.40 with correction collar

5. On page 10, Para No. 7**For**

Stage - Ceramic-coated coaxial stage with right hand low drive Control.

Read

Stage - Anodized coaxial stage with right hand low drive Control.

6. On page 10, Para No. 9**For****Fluorescence Attachment**

- Fluorescence with Eight/Ten position built in Filter Cube Turret. 120/130W metal Halide/Mercury Light illuminator with 2000hrs life time.
- Filters should be DAPI/Hoechst, FITC/GFP, TRITC/Rhodamine & Texas Red dyes.

Read**Fluorescence Attachment**

- Filters should be DAPI/Hoechst, FITC/GFP, TRITC/Rhodamine, Cy5, Cy3 & Texas Red dyes.
- Microscope should have 5/6/8 position filter turret along with Fluorescence Bandpass filters for DAPI, GFP/FITC, TRITC/Rhodamine.

7. On page 10, Para No. 10**For****Camera:**

Digital Cooled Colour camera with 16/17 mega pixel resolution by pixel shift technology the camera should have 2 megapixel CCD Chip 14 bit Digital output resolution for each colour R.G.B. User defined Spot metering 30%, 1% and 0.1 % for Auto Fluorescence Exposure Setting, 15 FPS per second Real Time Display and 3-CCD mode for perfect color reproduction. Exposure time 23us to 60s.

Read**Camera:**

Peltier cooled (-20 below ambient) CCD/CMOS camera having dual mode Mono & Colour with true 5 MP resolution. Exposure time - 1 msec –600 second or better, Pixel size of approx.3.4µm x3.4µm.

8. On page 10, Para No. 12**For**

Branded - Pentium i5 Chipset with 4 GB RAM, 500 GB HDD, DVD R/ Wr with Graphic card and High Resolution 20”, TFT Monitor with Key Board and Mouse.

Read

- i. Processor: 3.2GHz 6M (with i5 processor) and 8 GB RAM,
- ii. Memory: 500 GB HDD

- iii. 1GB Graphic card
- iv. 4 USB Ports and an Inbuilt Removable disc drive: DVD RW Drive
- v. Interface of PC: at least 24 inch TFT Monitor with Keyboard and Mouse
- vi. Operating System: Window 10 Professional (64 bit)
- vii. 1KVA online UPS should be provided.

9. Add Para 13

Application – Light and Fluorescence Microscopy of Cell and tissue section

10. Add Para 14

Eyepiece – 10 x

11. Add Para 15

Miscellaneous: - Dust cover, all wires, cords, connector and standard accessories needed for proper functioning of the microscope

12. Add Para 16

UPS: - At least 01-hour power backup for both Microscope and Computer.

13. Add Para 17

Training and Demonstration: - Training of students / staff/ faculty in equipment maintenance by the certified company engineer and the specifications quoted should be demonstrated on site at the time of installation.

14. Add Para 18

Installation, commissioning, training etc. free of cost. One additional training session to be done during the five years of warranty period. This training session is in addition to the first training done after installation.

The training must demonstrate all the techniques mentioned in the specification or additional if applicable.

15. Add Para 19

Warranty: Five (5) years