



Date: - 11th January 2019

Corrigendum
For
Penta Head Microscope for the Department of Pathology

NIT Issue Date	: 01 st December, 2018
NIT No.	: Admn/Tender/145/2018-AIIMS.JDH
Pre-Bid Meeting	: 10 th December, 2018 at 05:30 PM
Earlier Last Date of Submission	: 14 th January, 2019 at 03:00 PM
Extended Last Date of Submission	: 30 th January, 2019 at 03:00 PM
Bid opening	: 31 st January, 2019 at 03:15 P.M

The following revised and additional specification will be added:-

- 1. Page No. 11, Annexure I, S No. 1, Item: Penta Head Microscope, in technical specification, point No. 1**
For
Upright binocular compound research microscope for bright field, Phase Contrast upgradable to Fluorescence, Dark Field, DIC
Read
Upright trinocular research microscope for bright field, Phase Contrast upgradable to Fluorescence, Dark Field.
- 2. Page No. 11, Annexure I, S No. 1, Item: Penta Head Microscope, in technical specification, point No. 4**
For
Objectives: Plan synchronized light enabled objectives of 4x/ 5x NA.0.12, 10x N.A. 0.25, 20x N.A. 0.4, 40X N.A. 0.65 and 100x oil N.A. 1.25. All objectives with better NA and Working Distance would be preferred. All the objective (except 4/5x) should have F.OV. of 22mm and suitable for fluorescence.
Read
Objectives: Plan synchronized light enabled objectives of 4x/ 5xNA.0.10, 10x N.A. 0.25, 20x N.A. 0.4, 40X N.A. 0.65 and 100x oil N.A. 1.25. All objectives with better NA and Working Distance would be preferred. All the objective (except 4/5x) should have F.OV. of 22mm and suitable for fluorescence.
- 3. Page No. 11, Annexure I, S No. 1, Item: Penta Head Microscope, in technical specification, point No. 5**
For
7 position revolving objective nosepiece with facility of polarization (polarizer and analyser to be provided with the microscope) and DIC slot.
Read
6 position revolving objective nosepiece with facility of polarization (polarizer and analyser to be provided with the microscope).
- 4. Page No. 11, Annexure I, S No. 1, Item: Penta Head Microscope, in technical specification, point No. 6**
For
Should have integrated 100W Halogen or LED light source. 20bulbs of same should be provided spare
Read

Should have Halogen or Long lifespan LED light source >50,000hrs.. At least 20 no. of bulbs of same should be provided to meet equivalent lifespan of 50,000 hrs.

5. Page No. 11, Annexure I, S No. 1, Item: Penta Head Microscope, in technical specification, point No. 8

For

Condenser: 0.90/1.25 oil colour coded condenser for rapid adaptation of the aperture to the objective, suitable for Bright field, DF and Phase

Read

Universal Condenser (dry) N.A 0.90-1.25 for rapid adaptation of the aperture to the objective, suitable for Bright field, DF and Phase

6. Page No. 11, Annexure I, S No. 1, Item: Penta Head Microscope, in technical specification, point No. 10

For

Should have multi head viewing attachment with possibility for 5 person viewing (1 main observer + 4 Side observer). All viewing heads needs to be with min. 22mm FOV. Should have LED pointer with 360 ° rotatable and having two colour change function.

Read

Universal Condenser (dry) N.A 0.90-1.25 for rapid adaptation of the aperture to the objective, suitable for Bright field, DF and Phase.

7. Page No. 11, Annexure I, S No. 1, Item: Penta Head Microscope, in technical specification, point No. 11

For

Camera: 10MP CMOS / CCD camera with inbuilt storage facility and remote control acquisition, 30fps speed along with 0.5x —0.7x C-mount adaptor.

Read

5MP or higher CMOS/CCD Color camera (chip size 2/3” for CCD or 6.5 x 4.5 mm for CMOS), quantum efficiency > 60%, capable for both fluorescence and Color imaging with remote control acquisition, 25-30fps speed along with 0.5x-0.7x C-mount adaptor.

8. Page No. 11, Annexure I, S No. 1, Item: Penta Head Microscope, in technical specification, point No. 12

For

Monitor: 24" TFT / LED monitor with HDMI input for live image display. There should be facility of simultaneous viewing of microscopy and image projected in the monitor (BINO FUNCTION).

Read

Monitor: 18"-19" TFT / LED monitor with Branded computer system with i5 processor, 4GB or higher RAM, 500GB or higher capacity HDD, 18-19" TFT monitors, latest compatible genuine Windows 64-bit OS, DVD RW, key board & mouse.