



Date: - 22nd February 2016

Corrigendum
for
Equipments required for Department of
Microbiology

NIT Issue Date	:	21 st January 2016.
NIT No.	:	Admn/Tender/Microbiology/2015-AIIMS.JDH
Pre Bid Meeting held on	:	08 th February 2016 at 03:00 PM
Last Date of Submission	:	24 th February 2016 at 03:00 PM
Revised Last Date of Submission	:	07 th March 2016 at 03:00 PM

1. The following revised and additional specification will be added:-

1. Page No. 02, Chapter No. I, S.No 06, Faculty Microscope, EMD:

For

Rs. 12,000

Read

Rs. 16,000

2. Page No.11, Item No. 02, Horizontal Autoclave, Line 7-9

For

Inner dimensions of chamber: (approx.) cylindrical 600mm diameter x 1100mm deep, 9KW (approx.) electrically heated, Working pressure: 1.2 -1.5kg/sq. cm.

Read

Inner dimensions of chamber: (approx.) cylindrical 600mm diameter x 1100mm deep, 300 litre capacity 9KW (approx.) electrically heated, Working pressure: 1.2 -1.5kg/sq. cm, 121-135°C.

3. Page No.11 , Item No. 02 , Horizontal Autoclave, Line 10

For

There should be provision for vaccum for drying of racks and porous loads.

Read

There should be provision for pre and post vacuum system for drying of racks and porous loads.

- 4. Page No.11 , Item no. 02 , Horizontal Autoclave, Line 20-22**
For
Timer with Alarm System - To regulate the sterilization time of the media to be sterilized and when the desired time is passed, with a buzzer, to that the completion of sterilization cycle.
Read
Timer with Alarm System with LCD display and built in thermal printer - To regulate the sterilization time of the media to be sterilized and when the desired time is passed, with a buzzer, to that the completion of sterilization cycle.
- 5. Page No.12 , Item No. 04 , Multichannel Pipettes, Point No. 9**
For
Should have provision for removing individuals channels (In Multichannel Pipette) to adjust the distance between channels
Read
Should have provision for removing individuals channels (In Multichannel Pipette) to adjust the distance between channels, which should be software based.
- 6. Page No.12, Item No. 04, Multichannel Pipettes, After Point No. 10:
Add Point No. 11**
Should be US FDA or European CE approved or equivalent standard product
- 7. Page No.12, Item No. 05 , Table Top Refrigerated Centrifuge, Point No. 1):**
For
Should be Microprocessor Controlled with large LC Display of time, speed and temperature.
Read
Should be Microprocessor Controlled with large LC Display of time, speed and temperature with digitally controlled buttons.
- 8. Page No.12, Item No. 05, Table Top Refrigerated Centrifuge, Point No. 9**
For
Angle Rotor accommodating 6 X 50/15 ml Falcon Tubes Max speed up to 12,000 rpm/2,000 x g RCF.
Read
Angle Rotor accommodating 6 X 50/15 ml Falcon Tubes Max speed up to >9000 rpm/2,000 x g RCF.
- 9. Page No.12, Item No. 05, Table Top Refrigerated Centrifuge, After Point No. 10:
Add Point No. 11.**
Rotor of swing bucket 4x145 ml which supplied with 50ml & 15 ml adaptors RPM 4500 RCF 3260 g
- 10. Page No.12, Item No. 05, Table Top Refrigerated Centrifuge, After Point No. 11:
Add Point No. 12.**
Maximum capacity of machine 500 ml.
- 11. Page No.12, Item No. 05, Table Top Refrigerated Centrifuge, Second Last Line:**
For
Suitable constant power supply backup / UPS
Read
Suitable constant power supply backup/inbuilt battery.

- 12. Page No.12, Item No. 05, Table Top Refrigerated Centrifuge, Last line:**
For
Machine should be EN-61010-2-020 certified.
Read
Machine should be EN-61010-2-020 certified & CE marked, IVD compliant, certified biocontainment lid for safety purpose.
- 13. Page No.12, Item No. 06, Faculty Microscopes, Focus:**
For
Vertical stage movement 25mm or more for course stroke vertical stage movement 1micron or less for fine stroke.
Read
Vertical stage movement 24 mm or more for course stroke vertical stage movement 1micron or less for fine stroke.
- 14. Page No. 13, Item No. 06, Faculty Microscopes, Illuminator:**
For
Lamp house for 100 watts halogen lamp with DIC upgradable.
Read
Lamp house for LED illumination /100 watts halogen lamp with DIC upgradable.
- 15. Page No. 13, Item No. 06, Faculty Microscopes, Objective, Line 1:**
For
Plan achromatic 2X N.A 0.06
Read
Plan achromatic 2X/2.5X N.A 0.06
- 16. Page No. 13, Item No. 06, Faculty Microscopes, Objective, Line 2:**
For
Plan achromatic 4X N.A 0.10
Read
Plan achromatic 4X/5X N.A 0.10
- 17. Page No. 13, Item No. 06, Faculty Microscopes, Observation Field:**
For
Wide field trinocular eye piece tube with 10X eye pieces of 25mm or more F.O.V 7
Read
Wide field trinocular eye piece tube with 10X eye pieces of 23 to 25mm or more F.O.V
- 18. Page No. 13, Item No. 06, Faculty Microscopes, Condenser:**
For
Swing out condenser usable for 2X-100X.
Read
Swing out condenser usable for 2X/2.5x to 100X.
- 19. Page No. 13, Item No. 06, Faculty Microscopes, Camera And Software:**
For
Digital pool CCD camera approx. 3MP/4MP, with 10 bit digitalization, 2048X1500. Exposure time 1.6ms to 17.8 m in 1 μ s increments with fire wire port. Software to capture and image processing.
Read
Dedicated Microscopy Digital CCD/CMOS Color Camera with 4MP/5MP Resolution 8/10 bit Digitalization at 2560 X 1920 or better Pixel resolution Software should be able to capture and image analysis with capability of Measurement, Manual counting,

Intensifier and merging of two and more than two channel at a time. Exposer time 6 minutes. With USB/ Fire wire Port.

20. Page No. 13, Item No. 06, Faculty Microscopes, Second Last Line:

For

The system should be upgradable to fluorescence attachment with multicolor 5-8 filters positions on turret at a time.

Read

The system should be upgradable to LED based fluorescence attachment with multicolour 5-8 filters positions on turret at a time.

21. Page No.13, Item No. 07, Vortex Mixer, After Bullet No. 5:

Add Bullet No. 6.

Should be US FDA or European CE approved or equivalent standard product.

22. Page No. 13, Item No. 08, Water Bath, Line 3:

For

Double walled inside stainless steel and outside mild steel sheet painted in epoxy powder coating.

Read

Double walled, inside and outside wall made up of stainless steel

23. Page No.13, Item No. 08, Water Bath, Line 4:

For

Bath consists of two pilot lamp, temperature control knob and ON/OFF switch to work on 220/230 volts AC supplied with or without stirring arrangement without racks and thermometer

Read

Microprocessor controlled Bath consists of two pilot lamp, temperature control and ON/OFF switch to work on 220/230 volts AC supplied with stirring arrangement without racks and thermometer.

24. Page No. 14, Item No. 08, Water Bath, Table below line no. 8:

For

	L	M	D		
SBS -1	300mm	250mm	175mm	Suitable for 2 racks	14 Ltrs

Read

L	M	D		
300mm	250mm	175mm	Suitable for 2 racks	14 Ltrs

25. Page No. 14, Item No. 08, Water Bath, Bullet No. 06:

For

Equipment should be FDA / CE certified or equivalent standard of repute

Read

Equipment should be USFDA / European CE certified or equivalent standard of repute.

26. Page No.14, Item No. 09, Bead Bath, Point No. 7:

For

With Digital microprocessor control

Read

Deleted

27. Page No.14, Item No. 09, Bead Bath, Point No. 9:

For

With at least 12 month warranty.

Read

Deleted

28. Page No.14, Item No. 09, Bead Bath, Point No. 10:

For

The capacity of tank should be 8-20 liters.

Read

The capacity of tank should be 16-20 liters.

**Administrative Officer
AIIMS, Jodhpur**