BIHAR ANIMAL SCIENCES UNIVERSITY

Bihar Veterinary College Campus, Patna-800 014

Notice No.: 1073/CPC/BASU, Patna Dated:21/02/2019

Corrigendum for Addendum in Technical Specifications of Virtual Dissection Table/Virtual Visualisation Work Station

In reference to discussion held during the Pre-bid meeting on 12.02.2019, there is an addendum in technical specification (enclosed) of Tender Notice No.03/CPC/BASU/2019 Dated:30/01/2019 regarding supply and installation of **Virtual Dissection Table/Virtual Visualisation Work Station** for animals under **World Bank funded ICAR-NAHEP (IG) Project** for Bihar Animal Sciences University, Patna.

21/02/2019

Procurement Officer

Bihar Animal Sciences University, Patna

SPECIFICATIONS OF VIRTUAL DISSECTION TABLE/VIRTUAL VISUALISATION WORK STATION (n=01)

1 & 2. Virtual dissection work station should be compatible (and enabled) with PACS.

3. Fully levelled interactive body atlas with facility for virtual dissection is required for animals (Nervous, Respiratory, Digestive, Urogenital, Muscular, Skeletal system) that Include-Bovine, Canine, cat, Horse, Swine, Avian, Rat and Fish, sheep and goat. If available additional species may be included.

3 a. The system should have Real Tissue Cadaver Data of species mentioned in point number 3.

4. Additionally, System may be equipped with histological slides for animals.
5. It should contain 3D models for anatomy education with full 3D functionality like 360 degree rotating, zoom in and out, and identify individual structure with full information and also the ability to perform virtual dissection.
6. The system should have facility to allow reconstruction and cuts in MPR 3D images.
7. It should have facility to allow users to import real patient cases based on CT and MRI data and automatically reconstruct 3D models from Raw DICOM Files.
8. The system should have tools to allow Sectorial cuts at any angle or position of the reconstructed images.
9. Virtual Dissection table and workstation should run on full DICOM compatibility, enabling the workstation to connect through LAN / Cloud.
10. The workstation/table should have the facility of viewing any DICOM image as well as clinical images and film clips from Diagnostic Imaging systems.
11. Should have the option of compatibility/connecting to other PACS available in the market.
12. Software should facilitate multi touch based user interface.
13. The 3D body structure should freely rotate in all 3 axis (X,Y,Z)for comprehensive views of the anatomy.
14. The system should allow the user to visualize texture and density of tissues, make annotations and measurements in both 2D and 3D images.
15. Should have single piece Full HD LED Touch screen 55 inches or more. Another screen of 4k resolution and 80 inches in size in addition to above is required for educational purpose.
16. The workstation should have electrical stepless adjustment of height to accommodate students &Teachers of all height.
17. The workstation station should have stepless Electrical tilting from180 to 90 degree for achieving board position
18. Should have the facility to be connected to a single Normal Projector available in Institute for Classroom Teaching without any additional computer/connections
19. The workstation should be on 4 lockable castor wheels for easy maneuverability within the department.
20. May ask for demonstration before final approval of equipment
21. Onsite Warranty: Three years from date of Installation.