

All-India Institute of Medical Sciences
Ansari Nagar, New Delhi-29.
(RESEARCH SECTION)

Ref. No.15/Stores/NS/AS/2014-15/RS

Dated: 22.01.2015

Subject: Purchase of 3D Microscopic Recording/Editing System – 02 Nos., for the Department of Neurosurgery, at AIIMS, New Delhi-29 on proprietary basis- **Inviting comments thereon.**

The request has been received from Dr. Ashish Suri, Deptt. of Neurosurgery, AIIMS to purchase the subject item from M/s SONY India Pvt. Ltd. on proprietary basis. The proposal submitted by M/s SONY India Pvt. Ltd., and PAC certifications are attached.

The above documents are being uploaded for open information to submit objections, comments, if any, from any manufacturer regarding proprietary nature of the equipment/item within issue of 15 days giving reference **No. 15/Stores/NS/AS/2014-15/RS**. The comments should be received by office of Stores Officer (RS), Research Section at AIIMS on or before **09/02/2015 upto 12:30 p.m.**, failing which it will be presumed that any other vendor is having no comment to offer and case will be decided on merits.

STORES OFFICER (RS)

Encl: Related documents enclosed.

1. PAC Certificate enclosed.
2. Specification of equipment.

Computer facility: with request for uploading the same in AIIMS websites for the period of 15 days.

Contentprovider.aiims@gmail.com

Item No. 01

3D HD Video Camera

Camera Head

3-chip 1/2-inch type Exmor CMOS
2 x Camera Heads for 3D Capturing.
1920 (H) x 1080 (V) resolution
Small and Lightweight Camera Head Unit with C-Mount
Sensitivity: F2.2 prism system
Sensitivity F10 typical (in 1920 × 1080/59.94i mode)
Dynamic Range: 450%
Minimum Illumination: 9 lx (in 1920 × 1080/59.94i mode, F2.2, +21 dB gain)

Camera Control Unit:

S/N Ratio: 54 dB (Y) (typical)
Horizontal resolution: 1000TV lines (in 1920 × 1080/59.94i ; through HD-SDI)
Simultaneous picture adjustment for two cameras
Especially, the following video settings should be configured simultaneously for both cameras
RED Gain
Blue Gain
AE
Brightness
Area Sel
AWB (White Balance)
Essential Interface: HD-SDI outputs (camera A and camera B for 3D video)

General

Distance between Camera Head & control unit to be 10 meters

Should have the following features:

Picture Inversion
White shading adjustment
Various Shooting Modes for diverse imaging applications
Spot Photometry Mode

Should comply with medical standards such as:

Safety Standards
UL60601-1, ANSI/AAMI ES 60601-1
▪ CAN/CSA-C22.2 No.601.1, CAN/CSA-C22.2 No.60601-1
▪ EN 60601-1
▪ IEC 60601-1

EMC standards

- VCCI Class A
- FCC Class A Digital Device
- IC Class A Digital Device
- EN60601-1-2



Sony Corporation
1-7-1 Konan, Minato-ku, Tokyo, 108-0075 Tel: +81-3-6748-2111

Date: 19th November 2014

The Director,
All India Institute of Medical Sciences,
Ansari Nagar
New Delhi.

Sub: Model - MCC-3000MT Sony make 3D HD Video Camera

Dear Sir,

We thank you for your interest shown in our Model - MCC-3000MT.

This is to certify that the 3D Video camera MCC-3000MT is a proprietary product manufactured by Sony having following unique technologies/features built in to it.

1. 1/2-inch type Exmor Full-HD CMOS sensors for providing extra clarity.
2. MCC-3000MT provides an excellent sensitivity of F10
3. Signal-to-noise ratio of 54 dB
4. Dynamic range of 450%.
5. Picture Profile™ feature allows the camera operator to easily call up customized picture tonal settings to suit particular shooting conditions
6. Simultaneous picture adjustment for two cameras
7. Space saving for Microscopy cart installation
8. Small and Lightweight Camera Head Unit with C-Mount
9. Camera Head Unit can be installed remotely up to 20m from the Camera Control Unit.

Thanking you,



डॉ. अशिश सुखी / Dr. ASHISH SUKHI
आचार्य / Professor,
न्यूरोसर्जरी विभाग / Neurosurgery
न्यूरोसर्जरी केंद्र / Neurosurgery Centre
ए.आई.एम.एस. नई दिल्ली, INDIA



Eiichi Kakumoto
General Manager
Marketing Dept.
Medical Solutions Business Div.

Item No. 02

3D HD Video Recorder

1080/60p Recording for 3D and HD video

High-Quality 3D and HD Recording (MPEG-4 AVC/H.264 Compression)

3D Video Output Format: Should support both Line by Line & Side by Side

3D/2D Still Image Capture

Wide Range of Interfaces: 3G HD-SDI, HD-Sdi, DVI-D, Composite, S-Video.

Should be capable to record on following media: Blu-ray disc, DVD disc, removable HDD (USB), and USB flash memory

Simultaneous Recording in Two External Media

Network based sharing of recorded material

Patient Information Input from Various Methods such as

Patient information (ID, name, gender, date of birth) can be inserted

Metadata Export

Compliance with Medical Safety Standards

SONY

Sony Corporation
1-7-1 Konan, Minato-ku, Tokyo, 108-0075 Tel: +81-3-6748-2111

Date: 19th November 2014

The Director,
All India Institute of Medical Sciences,
Ansari Nagar
New Delhi.

Sub: Model - HVO-3000MT Sony make 3D Medical Recorder

Dear Sir,

We thank you for your interest shown in our Model - HVO-3000MT.

This is to certify that the 3D Medical recorder HVO-3000MT is a proprietary product manufactured by Sony having following unique technologies/features built in to it.

1. Simultaneous recording onto internal hard disk & 2 external media.
2. High quality Still image capture in 3D & 2D.
3. Network based sharing of recorded material.
4. Wide range of video inputs.

Thanking you,



Eiichi Kakumoto
General Manager
Marketing Dept.
Medical Solutions Business Div.


डॉ अशीष सुरी / Dr. ASHISH SURI
आचार्य / Professor,
नैदानिक रक्त विभाग / Dept of Neurosurgery
नैदानिक विज्ञान केंद्र / Neuroscience Centre
सर्वोच्च अध्ययन सं. प्र. आ. सं. ३६ दिल्ली, भारत / I.A.I.N.S., New Delhi, India



Item No. 03

24" 3D HD Medical Grade Video Monitor

a-Si TFT Active Matrix LCD with an AR-coated protection panel
circular-polarizer system

1920 x 1200 pixels (WUXGA)

Aspect: 16:10

Colors Approx. 16.7 million colors (8-bit)

3D Viewing angle 50° at a viewing distance more than 300 mm, crosstalk less than 7%
(typical)

Inputs: DVI-D, composite, RGB, Y/C, HD-15, 3G/HD/SD-SDI, 2 x optional slots.

Outputs: Composite, RGB, Y/C, 3G/HD/SD-SDI, DVI-D (Option)

Multi Picture-and-picture Capability

PIP, POP, Side By Side

2D/3D switching function

Mirror Image

Lightweight Circular-polarizer 3D Glasses

Should comply with Medical Safety Standards

SONY

Sony Corporation
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Date: 19th November 2014

The Director,
All India Institute of Medical Sciences,
Ansari Nagar
New Delhi.

Sub: Model - LMD-2451MT Sony make 3D Medical Monitor

Dear Sir,


We thank you for your interest shown in our Model - LMD-2451MT.

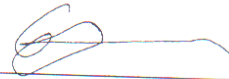
This is to certify that the 3D Medical Monitor LMD-2451MT is a proprietary product manufactured by Sony having following unique technologies/features built in to it.

1. Stereoscopic 3D display mechanism
2. Circular-polarizer 3D system
3. Multiple 3D input signal formats and interfaces
4. 2D/3D switching function
5. 3D/2D color matching function (3D offset adjustment)
6. High performance WUXGA LCD panel
7. Convenient preset function

Thanking you,




डॉ० अशीष सुरी / Dr. ASHISH SURI
आचार्य / Professor,
सूक्ष्म रक्त विभाग / Dept. of Neurosurgery
सर्वज्ञ विद्यापीठ, न्यू देहली / All India Institute of Medical Sciences,
ए.आ.ए. नगर, दिल्ली, भारत / Ansari Nagar, New Delhi, India



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