

JAWAHARLAL INSTITUTE OF POST-GRADUATE MEDICAL EDUCATION & RESEARCH

(Institution of National Importance Under Ministry of Health & Family Welfare, Government of India)

Dhanvantari Nagar, Puducherry-605 006.

No. PUR/JIP/URO/ ERRC/2013-14/5

Date: 18-07-2013

TO

Dear Sirs,

Sub: JIPMER- Supply of **HD Video recorder** Limited Tender Invited-Reg.

Please quote your lowest rates for supply of the **HD Video recorder** as per the list given overleaf / attached, subject to the following terms and conditions:

1. Rates should be quoted only for the items which are available in stock and can be supplied immediately on receipt of order.
2. Only 5% CST or VAT is applicable.
3. No insurance charges are payable as per the rules in the Government. As such, the firms before quoting may take into consideration all the risks in the transit and then furnish Limited Tender which should cover insurance charges also. If any point is raised as regards insurance charges after orders are issued, the same will not be entertained and the firms thereafter should effect the supply at their own cost.
4. Rates should be quoted F.O.R, Puducherry, Extra packing, forwarding charges etc. should not be quoted.
5. Delivery is required urgently. Tenders should please state the guarantee delivery period they can offer. As delivery date is essence of the contract, this should be strictly adhered to by the successful tenders.
6. No supply which is not according to the specifications and not meeting our requirement will be accepted.
7. The Director shall have the right of rejecting the Limited Tender in whole or part without assigning any reason therefore.
8. In case of high precision instruments the firms should give a guarantee certificate for their satisfactory performance.
9. If the tender quotation value exceeds Rupees two lakhs, before sending their quotations the firms participating in the limited tender must have registered their firms with purchase section of JIPMER.
10. Limited tender quotations should be sent only by Certificate of Posting/Registered Post/Speed Post. Hand quotations are not accepted.

Please furnish you limited tender in a sealed cover superscribing as:

Limited tender for **HD Video Recorder**

Enq: No. PUR/JIP/URO/ ERRC/2013-14/5

Department of Urology

Due Date: 02-8-2013

Limited tender should reach this office on or before 02-8-2013 by 4:00pm. Limited Tender received after the due date will be summarily rejected.

Yours faithfully

(For DIRECTOR)

Name of the Equipment: HD Video recorder with inbuilt hard disk and DVD/Blu-ray writer and USB port for recording in a variety of media with video editing software-1 Unit.

I. Specifications:

1. The equipment should record true HD images and videos from multiple locations simultaneously.
2. Should have capacity to record on multiple media including Blu-ray™ disk, external USB drive, and internal hard disk drive.
3. Should have capacity to export directly to the institution's network.
4. At the same time as recording onto an internal HDD, it should record onto a choice of at least one external media such as Blu-ray disc, DVD-R disc, removable HDD (USB) and USB flash memory.
5. Internal hard disk drive must be at least 1TB or more.
6. Should be able to capture still as well as video images.
7. Should accept a wide variety of input signals, including HD-SDI, DVI-D, SD-SDI, composite, and S-Video.
8. Controls of the recorder should be on both the front panel as well as on a wireless remote control.
9. The operation of the system should be simple and intuitive.
10. Rugged metal case with high-impact plastic faceplate
11. Image Formats: JPG, TIFF, BMP, DICOM
12. Printing option should be available for printing still images to Microsoft Windows XP, 7 & 8 Compatible Printers including network printers.
13. Image Enhancements-Gamma, Brightness, Sharpness, Histogram, Contrast, Saturation and Hue.
14. Auto Print features during live recording
15. Text Annotation for printing images.
16. Should record 1080-line high-definition video using the MPEG HD codec – MPEG-4 AVC/H.264AVC compression.
17. Should have user selectable bit ranges of 20, 12.5, or 6Mb/s, depending on their requirements for picture quality and recording length.
18. Should comply with international medical safety standards such as UL60601-1, CAN/CSA-C22.2 No.601.1-M90, EN60601-1:1990 + A1:1993 + A2, IEC60601-1-2:2007, IEC60601-1, CE 93/42/EEC, UL 60601-1, IEC 60601-1, IEC 60601-1-2, CSA C22.2 No.601.1 E 306417, FCC Part 15, FDA Class 1, RoHS, PSE.
19. Should have several input connectors including S-Video in, Component Video In, DVI-D In, RGB Computer Input, HD-SDI In and Audio Line In.
20. Should have several output connectors including S-Video Out, Video Out, DVI-D Out, HD-SDI Out, Audio Out.

II. Accessories required

1. Medical Foot switch: Standard 3.5mm mini jacks (one for still images, one for videos)- 1 No.
2. Display (Monitor)- TFT 19" or above, Res. 1680 x 1050 with touch screen-1Nos.
3. Power cord 18 feet long with appropriate plug to fit Indian socket.

4. Set of spare fuses – 5 No.

III. Optional Accessories:

1. MAC Operating supporting Laptop with Licensed video editing software compatible for MAC Operating system.

IV. Standards, Safety and Training:

1. Should be FDA or CE or BIS approved product.
2. Electrical safety conforms to standards for electrical safety IEC-60601-1 General Requirements and IEC-60601-2-25 Safety of Electrocardiograms. (or equivalent BIS Standard)
3. Manufacturer/Supplier should have ISO certification for quality standards.

V Power Supply

1. Power input to be 220-240VAC, 50Hz fitted with Indian plug

VI Documentation

1. User Manual and Service manual in English must be provided.

VII Installation, Commissioning and Testing..

1. The equipment and all accessories should be transported, installed, tested and commissioned at the Department of Urology, Jawaharlal Institute of Postgraduate Medical Education and Research, Pondicherry 605006 free of cost.

VIII Warranty and After Sales Service:

1. The Equipment including all accessories including bought out items should be under WARRANTY for a period of THREE YEARS after successful commissioning.
2. Comprehensive maintenance contract rates for 7 YEARS after warranty must be quoted and these would be taken into consideration while comparing price bids.
3. All spare parts and consumables should be available with supplier or principals for a period of at least 10 years.
4. Should have local service facility. The service provider should have the necessary equipments recommended by the manufacturer to carry out preventive maintenance test as per guidelines provided in the service/maintenance manual.

IX. Other tender conditions

1. Suppliers should have been in the market for at least 3 years and should have a satisfied user base for this equipment.
2. Suppliers should have made a large number of installations, within the last five years, in the country in reputed institutions and preferably in Government Hospitals with a proven track record of excellent after sales support for this system.
3. List of users must be enclosed.
