



TENDER NOTIFICATION

The Adichunchanagiri University invites **closed tenders** from eligible tenderers or bonafide licensed manufacturer or their authorised local supplier/dealer/distributor in the state of Karnataka for the procurement of the **3-Chip 4K HD Endoscopy Camera Unit in ENT OT** at AHRC as per section I & II.

1	Name of the work	Supply of 3-Chip 4K HD Endoscopy Camera Unit in ENT OT at Adichunchanagiri Hospital & Research Center, B.G. Nagara
2	Last date for tender submission	On or Before 25.01.2024 up to 05:00 PM

Sl. No.	Name of the consumables Particulars
1.	3-Chip 4K HD Endoscopy Camera Unit

SECTION -I

Instruction to Tenderers

- The Tenderer shall send quotes in **2 bid formats (Technical and Financial bids sealed separately inside the main envelope for any or all list of items)** on professional business letterheads. The inner and outer sealed cover must bear the following identification
 - Tender for[name of service | Contract]
 - Tender Reference No.....[insert number]
 - Address to “The Registrar, Adichunchanagiri University, B.G. Nagara -571448, Nagamangala (T), Mandya (D)”
 - The tenderer who prefers to submit the tender through Post can dispatch the same through Registered Post / Speed Post or Courier so as to reach the above address on or before the due date and time specified in the Tender Notice. Tenders received after the due date and time, for what so ever reasons will not be considered and the authority, ACU BG-Nagara will not be liable or responsible for the same.
- Tender Currency:** Prices shall be quoted in Indian Rupees Only
- AMC/CMC (If any)** is subject to the Adichunchanagiri University’s norms.
- Warranty:** As per the Standard, preferably 03 years
- Amendment of Tender Documents:** At any time prior to the deadline for submission of tenders, the University may, for any reason, whether at its own initiative or otherwise, modify the tender documents by amendment. Adichunchanagiri University reserves all the rights to accept, reject, incorporate changes and re-tender without giving any reasons.



6. **Documents Comprising the Tender:** Shall attach Brochure, Certification of the product, Bank/account details, PAN, GSTIN, Good Standing Certificate and 02 Years of ITR declaration inside the envelope and company contact details with email ID on the main envelope cover for further correspondence.
7. **Tender Prices:** Prices indicated on the Price Schedule shall be entered separately I.e. the price of the goods, quoted (ex-works, ex-factory, ex-showroom, ex-warehouse, or off-the-shelf, as applicable), including all duties and sales and other taxes already paid or payable. Any Indian duties, sales and other taxes which will be payable on the goods if this Contract is awarded. Conditional tenders will not be considered.
8. **Validity of the Bid:** 90 Days from the last date of submission of bid
9. **Corrupt or Fraudulent practices:** The Adichunchanagiri University requires that the Tenderers, observe the highest standard of ethics during the procurement and execution of such contracts. In pursuance of this policy:
 1. will reject a proposal for award if it determines that the Tenderer recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question;
 2. will declare a firm ineligible, either indefinitely or for a stated period of time, to be awarded a university contract if it at any time determines that the firm has engaged in corrupt or fraudulent practices in competing for, or in executing, a University contract.
10. **Process to be confidential:** Information relating to the examination, clarification, evaluation, and comparison of Tenders and recommendations for the award of a contract shall not be disclosed to Tenderers or any other persons not officially concerned with such process until the award to the successful Tenderer has been announced. Any effort by a Tenderer to influence the Employer's processing of Tenders or award decisions may result in the rejection of his Tender.
11. **Clarification of Tenders:** To assist in the examination, evaluation, and comparison of Tenders, the Employer may, at his discretion, ask any Tenderer for clarification of his Tender, including breakdowns of unit rates. The request for clarification and the response shall be in writing or by cable, but no change in the price or substance of the Tender shall be sought, offered, or permitted except as required to confirm the correction of arithmetic errors discovered by the Employer in the evaluation of the tenders.
12. **Delivery:** The successful BIDDER should commence the services as per tender document/Work or Purchase Order. For any queries/ assistance, please write to registrar@acu.edu.in or telephone to purchase section +91- 7406907357.
13. **Penalty Clause:** Non-execution of supply order - For the reasons of failure to supply partially or completely within the stipulated time or any event of breach of contract. In case at any following stages
 1. For the delayed supply (3 days of grace period) - 1% deduction
 2. Quantity issues - 5% deduction
 3. Quality issues - 10% deduction



SECTION -II

Technical specification:-

Specification for 4K camera system Unit in ENT OT:

1. 4K Camera system:-

- a) The system should be digital endoscopic video camera with maximum resolution of 3840 X 2160 pixels, progressive scan to guarantee genuine 4K.
- b) The system should have facility of 3x digital zoom lens or more.
- c) The system should have facility for capturing 4K UHD HD stills & full HD videos in external USB drive.
- d) The system should have facility to offer various visualization modes for surgery & diagnosis by shifting the color spectrum like **BLUE & GREEN** light for recognition of the finest tissue structures & their differentiation.
- e) Picture in picture of visualization modes.
- f) Automatic adjustment of light intensity of light source.

2. Technical specification:-

- a) Pixels ---- 3840 X 2160 pixels.
- b) AGC---- Microprocessor controlled.
- c) Lens---- Integrated zoom lens $f=18\text{mm}$.
- d) Color space----BT 2020 emulation.
- e) Control buttons ----- 3(2 of them freely programmable).
- f) Video output ----- 1display port 1.2, 1 X DVI-D output, 1 X 12G-SDI output, 3X camera input for communication with compatible modules, LAN connection, 4X USB connection (2Xfront, 2Xback).
- g) Input ----- Keyboard input for character generator.
- h) Power supply ----- 200-240VAC, 50/60Hz.

3. 32 inch 4K monitor or more:-

- a) The monitor should have
- b) Color space – BT 2020emulation.
- c) Aspect ratio 16:9.
- d) Contrast ratio 1350:1
- e) Brightness 700cd/m².
- f) Effective resolution 3840*2160 pixels.
- g) Max observation angle 178deg. Vertical / horizontal
- h) Input 1DP1.2, 1 X DVI-D, 1 X 12G SDL, 1 X 3G-SDI,1 X HDMI.
- i) Output 1 X DVI-D, 1 X 12GSDI, 1 X DP 1.2
- j) CE label according to MDD, FDA Class.

4. Power LED with fiber optic cable:-

- a) Lamp type 175watt.
- b) Color temperature 640K.
- c) Light outlets 1



- d) Light intensity adjustment 20step.
- e) Should be supplied with diameter 4.8mm, length 300cm.
- f) Certified to IEC 601-1 & UL544 CE according to MDD, protection class 1/CF.
- g) Lamp life of approx. 30,000hrs.
- h) Low noise level.

5. **Image/video recording & data archiving system:-**

- a) State of the art user friendly medical grade system (certified to be used in OT).
- b) User should have full control of the system from the sterile field via camera head buttons, optional touch screen, and optional foot switch.
- c) Parallel recording of two image sources.
- d) Still images & videos in 2D, 3D & 4K.
- e) Internal memory 2TB.
- f) Playback of 2D, 3D & 4K content.
- g) System should be capable for generating the reports & connect with the external printer.
- h) Dicom & HL7 compliant.
- i) WHO certified safety checklist incorporated in the system.

6. **Telescopes:** Compatible telescopes with the 4K system should be quoted with dimensions as below:

- a) 4mm 0 degree & 30 degree with 18cm or more working length- each 1 Qty.
- b) 2.7mm 0 degree with 18cm or more working length-1 Qty.

- 7. All the above equipment should be from same manufacturer.
- 8. All the items should have CE & FDA certifications from a notified body.
- 9. Local trolley should be provided.

16/1/24
Head of Procurement
Adichunchanagiri University
B G Nagara -571448