



ACU/PS/BGS-MCH- 1048 / 60 /2024-25

Date: 19.08.2024

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 Equipment's for General Surgery Department at BGS- MCH Hospital** as per section I & II.

1	Name of the work	Supply of Equipment's for General Surgery department at BGS-MCH Hospital, Nagarur.
2	Last date for tender submission	On or Before 27.08.2024 up to 05:00 PM

Sl. No.	Name of Equipment
1.	Upper GI Endoscopy & colonoscope
2.	Laparoscope set with hysteroscope

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, Naga mangala (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.
- 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) - 5% deduction
 2. Quantity issues - 5% deduction
 3. Quality issues - 10% deduction

SECTION -II



Technical Specification:-

A. ENDOSCOPY AND COLONOSCOPY:-

SL No	ITEM DESCRIPTIONS	QTY
1	VIDEO PROCESSOR	1
2	XENON LIGHT SOURCE (300 W)	1
3	LIGHT SOURCE SOCKET CLEANING KIT	1
4	GASTROINTESTINAL VIDEO SCOPE	1
5	COLONOSCOPE VIDEOSCOPE	1
6	WATER LEAKAGE TESTER	1
7	Maintenance Unit	1
8	MEDICAL GRADE MONITOR WITH TROLLY	1

Accessories and Products to support Video Endoscopy System

Sl. No.	Part No.	ITEM DESCRIPTIONS	QTY
1		Compatible Computer System	1
2		Color Printer	1
3		UPS 2 KV	1
4		Scope Cabinet for 2 scopes	1
5		Biopsy for UGI and LGI (Single Use)	2

B. Laparoscope set with Hysteroscope

LAPAROSCOPY AND HYSTEROSCOPY UNIT

1. Laparoscopic Video Monitor (High-definition Television): x 1 nos.

- High definition, medical grade monitor, LED with Flat screen
- Size: 32 inch or more, Full HD resolution (1920x1280 pixels) or more, Refresh rate of 60 Hz or more,
- HDMI, DVI connections to be available
- All necessary connections and cables to be provided, including a power cable, Necessary

stand for table mount to be provided

2. Full HD Camera with Controller Unit: x 1 nos.

- It should be 3 chip full high-definition digital camera head and console with HD image production. Resolution should be 1920 X 1080 pixels or more.
- Should be fully compatible to the colour systems PAL / NTSC.
- Progressive scan technology both on camera head & console with consistent use of 16:9 formats for input and output.
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- Multiple settings allowing the user to select the preferred level of image enhancement with ease of selecting presents and quick automatic adjustments for different specialities.
- Should have ICG filter option.
- Should have digital and optical zoom facility to enhance quality of image, with comfort of cross speciality usage regardless of telescope used.
- Internal medical grade recorder for storing videos and stills with 500 GB internal hardisk and upto 1 TB hardisk compatibility.
- Facility should have controls for light source, insufflator and recording device from camera head.
- Integrated gain / shutter / enhancement with automatic brightness control.
- Automatic white balance with memory functions for two settings.
- Vascularity enhancement mode to be available.
- The system should have the option for upgrading to 3D. Should be provided with a laparoscopy tower.
- AGC: Microprocessor controlled.
- Keyboard input option to be available
- Video output: HDMI and DVI are must (x 2), USB connection and 1 TB hard Disk compatibility, other output options- Composite, S-Videos and RGB.

3. LED Light source: 1 nos.

- Colour temperature 6500-7000K
- Lamp life 30000 hours
- Light intensity adjustment options: Manual and automatic with presents for cross speciality use.
- Optic fibre cable to be provided: **1 nos.** - minimum 250 cm long and 5 mm of optic fibres diameter.

4. CO2 Insufflator: 1 nos.

- CO2 electronic insufflator, having minimum flow rate of 20 lts/min or more.
- Unit should be easy to use clear, adjacent display for set value and actual value allow easy monitoring of insufflation process, feather touch keys for precise pre selection of set value, optical and acoustic warning signals in the event of over inflation.
- Insufflation cable x 1 to be included

5. Portable laparoscopy tower: 1 nos.

- Stainless steel frame with epoxy coated



- Antiskid wheels with locks
- Power socket for all electrical equipment (x 6)
- Dedicated spaces for Monitor, Camera Control Unit, CO2 insufflator, electrosurgical unit, Trays for keeping cables.

6. Telescopes:

- 10mm 30° degree x 1 nos.
- 5 mm 30° degree x 1 nos.
- 2.9 mm 30° degree x 1 nos.
- Scope Specifications:
 - Autoclavable
 - Universal colour coded
 - 30-33 cms long
 - Universal eyepiece diameter
 - To be compatible with the camera head
 - Full High Definition (Full HD) scope
 - Wide angle full screen, forward -Oblique and lateral scope.
 - Optimal centre -to -edge resolution for enhanced picture quality.
 - Fiber optic light transmission incorporated.
 - Standard ocular window for coupling the camera head.
 - Scratch resistance sapphire quoted tip lens.
 - Advanced Rod lens system for optimum brightness, contrast and definition.

- * ACCESSORIES: All possible accessories of the equipment should be quoted. The specific accessory and its quantity will be decided on the basis of actual requirement.
- * *All of the equipment's to be provided with 5 year standard warranty and CMC
- * *Power input to be 220 -240 VAC, 50 Hz fitted with Indian power-plug. Electronic Voltage corrector/stabilizer of appropriate ratings for power supply to the whole set meeting BIS Standards/ Specifications, (Input 160 -260 V and output 220 -240 V and 50 Hz). Optional UPS of adequate rating for power supply to the system for 60 minutes.
- * Installation will be done by supplier free of cost.
- * Demonstration of Equipment is must for final approval.
- * Product should have IEC safety standards wherever listed, Manufacturer/supplier should have ISO certification for quality standards
- * Laparoscopic set with attached instrumentation should be US FDA & CE Europe certification.
- * The system should be capable of accepting standard accessories of major international brands, which should be specified and for which suitable adaptor, if required, is to be provided.

7. Specifications of laparoscopy hand instruments and accessories:

- 1 x 12 cm veress needle for Co2 insufflation
- 1 x 15 cm veress needle for Co2 insufflation
- 1 x 5 mm Aspiration Needle , 17 Gauge, 3 3 cm

- 4 x 5.5 mm Cannula Sleeve with Automatic Valve, Stop Cock, with washer
- 4 x Trocar, Pyramid Tip compatible with 5.5 mm canula sleeve
- 2 x 11 mm Cannula Sleeve with Automatic Valve, Stop Cock, with washer
- 2 x Trocar, Pyramid Tip compatible 11 mm
- 5 mm Hand Instruments with Insulated Shaft, Modular Design, click typehandle attachment, Inner shaft flush port:
 - i. Curved Kelly Dissector - 1
 - ii. Maryland Dissector -1
 - iii. Mixer Dissector - 1
 - iv. Alligator/toothed Grasper - 2
 - v. Fundus Grasper - 1
 - vi. Serrated, Fenestrated Grasper - 2
 - vii. Single Action Atraumatic Grasper - 1
 - viii. Paddle Babcock Grasper - 1
 - ix. Allis Single Row Grasper - 1
 - x. Curved Metzenbaum Scissors – 1
 - xi. Straight hooked scissors – 1
 - xii. Myoma screw x 1
 - xiii. Bipolar fenestrated grasper – 1
 - xiv. Monopolar hook - 1
 - xv. 5 mm straight needle holder with Y Handle – 1
 - xvi. 5 mm curved needle holder with Y handle – 1
 - xvii. 1 x 5 mm irrigation suction canula
 - xviii. Maryland bipolar - 1
- 1 x Clip applicator 10 mm with LT 300 and LT 400 clips compatibility inserts
- 1 x Claw forceps
- 1 x 10 mm myoma screw
- 1 x 10 mm suction irrigation canula
- Reducer sleeve 10/11 mm to 5/4 mm
- 1 x Blunt obturator and fascial closure device
- Hysteroscopy Instruments:
 - i. Hysteromat/Endomat x 1 nos.
 - Should be a closed system for accurate and easy fluid loss measurement.
 - Intelligent software and automatic instrument recognition for accurate measurement of the intrauterine pressure.
 - One stand for easy handling.
 - Extra-large display for clearly fluid –loss information.
 - Should be quoted with requisite tuning and adapter set for unhindered working.
 - ii. Tubing Set/Irrigation/PC x 1 nos.
 - iii. Operative Sheath x 1 nos.



- To be compatible with 2.9 mm hysteroscope
 - Continuous flow system with inflow and outflow valve
 - Operating channel with 5 Fr. Instrument compatibility
 - iv. Hysteroscopic Grasper 5 Fr. x **1 nos.**
 - v. Hysteroscopic Scissors 5 Fr. x **1 nos.**
 - vi. Bipolar Resect scope
 - To be compatible with 2.9 mm hysteroscope, 22 Fr. or smaller
 - Suitable for coagulation and cutting under NS distension media
 - Passive type electrode preferred
 - vii. Diagnostic Sheath (Single Flow) 4.1 mm or smaller compatible with 2.9 mm hysteroscope x **1 nos.**
 - viii. Electrodes compatible with above resectoscope:
 - Bipolar cutting loop electrode x **1 nos.**
 - Bipolar roller ball electrode x **1 nos.**
 - Bipolar Colin's knife electrode x **1 nos.**
- * Spare Washers for the 10 mm, 5 mm canula sleeves and operative hysteroscope to be provided (Minimum 5 nos.)
- * Bipolar and monopolar cables compatible with the above laparoscopy and hysteroscopy instruments to be included in the quotation
- * All laparoscopic hand instruments should be of length 33 cm or more.
- * ACCESSORIES: All possible accessories of the equipment should be quoted. The specific accessory and its quantity will be decided on the basis of actual requirement.
- * Installation will be done by supplier free of cost.
- * Demonstration of Equipment is must for final approval.
- * Product should have IEC safety standards wherever listed, Manufacturer/supplier should have ISO certification for quality standards
- * Laparoscopic set with attached instrumentation should be US FDA & CE Europe certification .


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