



### TENDER NOTIFICATION

The Head, CLPC, Sri Adichunchanagiri Shikshana Trust invites closed tenders from eligible tenderers or bonafide licensed manufacturer (OEM) or their authorized local supplier/ dealer/ distributor in the state of Karnataka for the **Procurement Equipment's for the department of Medical Gastroenterology at Adichunchanagiri Hospital and Research Center, BG Nagara - 571448, Mandya (District)** as per section I & II.

01	Name of the work	Procurement Equipment's for the department of Medical Gastroenterology at Adichunchanagiri Hospital and Research Center, BG Nagara - 571448, Mandya (District)
02	Last Date for Tender Submission	On or before 08.04.2025 before 5.30 PM

### Section-1

#### Instructions to Tenderers

- 1) The Tenderer shall submit the bids (Technical & Financial bids) through the mail id: **clpchead@bgscet.ac.in** on or before the last date of tender submission (for any or all list of items) on professional business letterheads only. The details to be printed on the letter head is as follows
  - i) Tender for Procurement Equipment's for the department of Medical Gastroenterology at Adichunchanagiri Hospital and Research Center, BG Nagara - 571448, Mandya (District)
  - ii) Tender Reference number.....[Insert Number]
  - iii) Address to "The HEAD, CLPC, Sri Adichunchanagiri Shikshana Trust, BGSCET Campus, Mahalakshampuram, Bengaluru - 560086"
  - iv) The tenderer shall submit the original documents to this office on the last day of submission for verification who prefers to submit the tender through Post can dispatch the same through Registered post / Speed post or Couriers 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, Head of CLPC will not be liable or responsible for the same.
- 2) **Tender Currency:** Prices shall be quoted in Indian Rupees only.
- 3) **AMC/CMC (IF ANY)** is subject to the Sri Adichunchanagiri shikshana trust's norms.
- 4) **Warranty:** 3 Years.
- 5) **Amendment of tender documents:** At any time prior to the deadline of submission of tenders the trust may, for no reason, whether as its own initiative or otherwise modify the



- tender documents by amendment. Sri Adichunchanagiri Shikshana Trust 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 the company contact details with email id on the in the below mention format in annexure - 1.
  - 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 the other taxes already paid or payable. Any Indian duties, sales and other taxes which will be payable on the goods if the contract is awarded. Conditional tenders will not be considered. The bidder has to give the quotation in the below enclosed format in annexure - 2.
  - 8) **Validity of the Bid:** 90 days from the last date of submission of bid.
  - 9) **Corrupt or Fraudulent practices:** Sri Adichunchanagiri Shikshana Trust requires that the tenderers, observe the highest standard of ethics during the procurement and execution of such contracts. In purchase of this policy:
    - a) Will reject a proposal for award if it determines the tenderer recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question;
    - b) Will declare a firm ineligible, either indefinitely or for the stated period of time, to be awarded a university contract if it any time determines that the firm has engaged in corrupt or fraudulent practices in competing for, or in executing, a trust contract.
  - 10) **Process to be confidential:** Information relating to the examination, clarification, evaluation, and comparison of tenders and recommendations for the award of contract will 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 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 and tenderer for clarification of his tender, including breakdowns of unit rates. The request for clarification and the response shall be 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 employers in the evaluation of the tenders.
  - 12) **Delivery:** The successful BIDDER should commence the service as per the tender document/work or purchase order. For any queries or assistance, please write to [clpchead@bgscet.ac.in](mailto:clpchead@bgscet.ac.in) or telephone to +91- 8123707324.
  - 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
    - a) For the delayed supply (3 days of grace period) - 5% deduction
    - b) Quantity issues - 5 % deduction
    - c) Quality issues - 10% deduction



## **Section-2**

### **Technical Specification**

SL. No	Particulars	Total Quantity in Nos.
1.	Video Endoscopy System	01
2.	Video Processor	01
3.	Adult Video Gastroscope	01
4.	Adult Video Colonoscope	01
5.	Video Duodenoscope/ERCP Scope	01
6.	Pediatric Video Gastroscope	01
7.	Pediatric Video Colonoscope	01
8.	High-Definition LCD Monitor	01
9.	Endoscopic CO2 regulation unit	01
10.	Computer System	01
11.	Endoscope flushing Pump	01

### **Specification of Adult Video Gastroscope, Adult Video Colonoscope, Duodenoscope/ERCP scope, Pediatric Video Gastroscope and Paediatric Video Colonoscope.**

#### **Video Endoscopy System & System should Include:**

1. Video Processor / Light Source with 4 LED or more LED Endoscopy system
2. Adult Advance Video Gastroscope
3. Adult Advance Video Colonoscope.
4. Advance Duodenoscope.
5. Advance Paediatric Video Gastroscope.
6. Advance Paediatric Video Colonoscope
7. Accessories: Disposable Biopsy Forceps for Gastro, Colon
8. 24" High-Definition Medical Grade Monitor
9. Co2 Insufflator
10. HD Software-Image Capturing and Video Recording Software
11. Trolley (Indian Make)
12. Computer System and Colour Printer,
13. Scope storage cabinet for 4 scopes (Indian Make).
14. Water jet (flushing pump).



**Video Processor: Should have following specifications.**

1- Video Processor & Light Source

- Should be compact Single box Processor and 4 OR MORE LED or more
- The Video Processor should have high-definition images quality with real time optical chromo endoscopy technology NBI/BLI/Iscan OE Technology for more detailed visualization of mucosal surface architecture and microvascular patterns.
- Should be able to provide 16:9 and 16:10 output for a HDTV Monitor
- Should be compatible with Analog and digital, 2 HD-SDI and DVI output to reproduce high-definition images / video. ports (inbuilt into processor) external SDI converter not accepted.
- Should contain portable memory (minimum 2 GB) & USB slot for image recording and minimum 1 GB internal buffer memory of Processor.
- Should have automatic white balance.
- Should be able to function Picture in Picture display & Index function ability.
- Should be equipped with memory back up for settings & Lithium battery.
- Should have pre-freeze function to select the clearest still image automatically and noise reduction technology.
- Emergency halogen lamp as backup, which should automatically ignite, in case the main lamp gets defective.
- Function of automatic switch off when unit has been used for an extended period.
- Separate unit from video processor and weighing less than 16 kg.

**Adult Video Gastroscope Specifications:**

- Video Gastroscope Scope should have high-definition images quality with real time optical chromo endoscopy technology NBI/BLI/Iscan OE Technology for more detailed visualization of mucosal surface architecture and microvascular patterns.
- Video Gastroscope Scope should have Pre-freeze function/equivalent features for sharper images.
- Video Gastroscope Scope should have Enhanced image quality.
- Video Gastroscope Scope should have Compatible with leakage testing device with its air flow and pressure regulation through light source's air pump.
- Video Gastroscope Scope should have Scope ID function.
- Video Gastroscope Scope should have Waterproof connector which is fully immersible in disinfectant solution.
- Video Gastroscope Scope should have Field of view should be minimum 140 degrees or more.





- Video Gastroscope Scope should have Depth of field should be from 2 mm to 100 mm minimum.
- Video Gastroscope Scope should have Direction of view should be forward viewing.
- Video Gastroscope Scope should have insertion tube diameter should be 9.2mm or less.
- Video Gastroscope Scope should have instrument channel diameter should be 2.8 mm.
- Video Gastroscope Scope should have Working length should be 1030 mm and above.
- Video Gastroscope Scope should have Angulation movement minimum of up 210 degrees down 90 degrees, right and left 100 degree each.
- Video Gastroscope Scope should have The scope should have a minimum of four remote switches to adjust processor function.
- Video Gastroscope Scope should have Endo therapy entry /exit position in the field of view of should be at 8 o' clock position.

### **Adult Video Colonoscope Specifications:**

- Video Colonoscope Scope should have high-definition images quality with real time optical chromo endoscopy technology NBI/BLI/Isca OE Technology for more detailed visualization of mucosal surface architecture and microvascular patterns.
- Video Colonoscope Scope Should be waterproof and fully immersible in disinfectant solution.
- Video Colonoscope Scope Should have variable stiffness/Colo Assist Adjust/ flexibility adjuster knob below instrument channel port to avoid the Reel of the colonoscope and allow to adjust the colonoscope stiffness from level 1 to level 3 on a case by case to meet the unique anatomical needs of each patient or the handling preference of the physicians.
- Video Colonoscope Scope Should have Additional auxiliary channel for water jet function.
- Video Colonoscope Scope Should have Field of view should be minimum 170 degree.
- Video Colonoscope Scope Should have Depth of field should be from 2 mm to 100 mm minimum.
- Video Colonoscope Scope Should have Direction of view should be forward viewing.
- Video Colonoscope Scope Should have Insertion tube diameter should be of 12.8 mm.
- Video Colonoscope Scope Should have Instrument channel diameter should be 3.7 mm.
- Video Colonoscope Scope Should Have Working length should be 1680 mm.
- Video Colonoscope Scope Should have Angulation movement minimum of up 180 degrees down 180 degrees, right and left 160 degree each.
- Video Colonoscope Scope Should have Scope should have minimum of four remote switches to adjust processor function.
- Video Colonoscope Scope Should have Endo therapy entry /exit position in the field of view of should be at 5 o' clock position.
- Video Colonoscope Scope Should have Close Focus: Scope should be able to obtain an enlarge close image by moving scope tip as close as 2mm from the mucosa.



- Video Colonoscope Scope Should have Waterproof connector: should have provision to reduces the chances of accidental immersion and one touch reduces the wear and tear of the Scope.
- Video Colonoscope Scope Should have Pre-freeze function for sharper images
- Video Colonoscope Scope Should have Enhanced image quality.
- Video Colonoscope Scope Should be Compatible with leakage testing device with its air flow and pressure regulation through light source's air pump.
- Video Colonoscope Scope Should have ID function

### **VIDEO DUODENOSCOPE/ERCP SCOPE**


- Video duodenoscope should have Field of view minimum 100 degree.
- Video duodenoscope should have Depth of field from 5 mm to 60 mm.
- Video duodenoscope should have high resolution images quality with real time optical chromo endoscopy technology NBI/BLI/Iscan OE Technology for more detailed visualization of mucosal surface architecture and microvascular patterns.
- Video duodenoscope Direction of view should be backward side viewing 15 Degree for ease of procedures.
- Video duodenoscope Insertion tube outer diameter should be of 11.3 mm.
- Video duodenoscope Distal end outer diameter should be of 13.5 mm.
- Video duodenoscope Instrument channel diameter should be 4.2 mm.
- Video duodenoscope Working length should be 1240 mm and above.
- Video duodenoscope Angulation movement minimum of up 120 degrees down 90 degrees, right 110 degree and left 90 degrees.
- Video duodenoscope Scope should have minimum of four remote switches to adjust processor function.
- Video duodenoscope Endo therapy entry /exit position in the field of view of should be between 2 o' clock and 4 o ' clock position.
- Video Duodenoscope Scope Should have Waterproof connector: should have provision to reduces the chances of accidental immersion and one touch reduces the wear and tear of the Scope.
- Video Dudenoscope Scope Should have Pre-freeze function for sharper images
- Video Dudenoscope Scope Should be Compatible with leakage testing device with its air flow and pressure regulation through light source's air pump.
- Video Colonoscope Scope Should have ID function

### **Pediatric Video Gastroscope Specifications:**

- Video Gastroscope Scope should have high-definition images quality with real time optical chromo endoscopy technology NBI/BLI/Isca OE Technology for more detailed visualization of mucosal surface architecture and microvascular patterns.
- Video Gastroscope Scope should have Pre-freeze function/equivalent features for sharper images.
- Video Gastroscope Scope should have Enhanced image quality.
- Video Gastroscope Scope should have Compatible with leakage testing device with its air flow and pressure regulation through light source's air pump.
- Video Gastroscope Scope should have Scope ID function.
- Video Gastroscope Scope should have Waterproof connector which is fully immersible in disinfectant solution.
- Video Gastroscope Scope should have Field of view should be minimum 140 degrees or more.
- Video Gastroscope Scope should have Depth of field should be from 3 mm to 100 mm minimum.
- Video Gastroscope Scope should have Direction of view should be forward viewing.
- Video Gastroscope Scope should have insertion tube diameter should be 5.8 mm or less.
- Video Gastroscope Scope should have instrument channel diameter should be 2.2 mm.
- Video Gastroscope Scope should have Working length should be 1100 mm and above.
- Video Gastroscope Scope should have Angulation movement minimum of up 210 degrees down 90 degrees, right and left 100 degree each.
- Video Gastroscope Scope should have a minimum of four remote switches to adjust processor function.
- Video Gastroscope Scope should have Endo therapy entry /exit position in the field of view of should be at 8 o' clock position.

### **Paediatric Video Colonoscope Specifications:**

- Video Colonoscope Scope should have high-definition images quality with real time optical chromo endoscopy technology NBI/BLI/Isca OE Technology for more detailed visualization of mucosal surface architecture and microvascular patterns.
- Video Colonoscope Scope Should be waterproof and fully immersible in disinfectant solution.
- Video Colonoscope Scope Should have variable stiffness/Colo Assist Adjust/ flexibility adjuster knob below instrument channel port to avoid the Reloop of the colonoscope and allow to adjust the colonoscope stiffness from level 1 to level 3 on a case by case to meet the unique anatomical needs of each patient or the handling preference of the physicians.
- Video Colonoscope Scope Should have Additional auxiliary channel for water jet function.
- Video Colonoscope Scope Should have Field of view should be minimum 140 degree.

 7 | Page



- Video Colonoscope Scope Should have Depth of field should be from 2 mm to 100 mm minimum.
- Video Colonoscope Scope Should have Direction of view should be forward viewing.
- Video Colonoscope Scope Should have Insertion tube diameter should be of 10.5 mm.
- Video Colonoscope Scope Should have Instrument channel diameter should be 3.2 mm.
- Video Colonoscope Scope Should Have Working length should be 1680 mm.
- Video Colonoscope Scope Should have Angulation movement minimum of up 210 degrees down 180 degrees, right and left 160 degree each.
- Video Colonoscope Scope Should have Scope should have minimum of four remote switches to adjust processor function.
- Video Colonoscope Scope Should have Endo therapy entry /exit position in the field of view of should be at 5 o' clock position.
- Video Colonoscope Scope Should have Close Focus: Scope should be able to obtain an enlarge close image by moving scope tip as close as 2mm from the mucosa.
- Video Colonoscope Scope Should have Waterproof connector: should have provision to reduces the chances of accidental immersion and one touch reduces the wear and tear of the Scope.
- Video Colonoscope Scope Should have Pre-freeze function for sharper images
- Video Colonoscope Scope Should have Enhanced image quality.
- Video Colonoscope Scope Should be Compatible with leakage testing device with its air flow and pressure regulation through light source's air pump.
- Video Colonoscope Scope Should have ID function

### **High-Definition LCD Monitor Specifications.**

- Full HD LCD 24" medical grade monitor by principal company with high resolution 1920X1200 (WUXGA)
- Should have Contrast ratio 1000:1.
- Should have resolution 1920X1080 (Full HD)
- Should have no of colours Approx 16.7 million.
- Should have Viewing Angle (Panel Specification) 89°/89°/89°/89° (typical) (up/down/left/right contrast > 10:1)
- Should have Lower Power consumption.
- Should provide aspect ratio 16:9
- -Should contain input/output for SDI, DVI.
- Various output and input terminals including HD/SDI (2No) DVI-1 (2No) Y/C and Video.
- Various output and input terminals including HD/SDI (2No) DVI-1 (2No) Y/C and Video.





**Endoscopic CO2 regulation unit:**

Should have following specifications.

- One button start/stop operation, pressure display and timer function to automate CO2 insufflation shut off.
- Should have three controlled flow rate settings.
- Should have a maximum pressure feed of 45 kPa.
- Should not be more than 4.9 kg in weight.

**Specifications for other items:**

- Water leakage tester should be provided as the standard set.
- HD with PCIE grabber Card Software should be provided for image archiving and documentation Should be user friendly, provision for recording and editing for Still moving frames, report generation, should have necessary foot pedal control.
- Endoscopy trolley should have good castor movements with locking mechanism with necessary provision for hanging of Hanging the Scope.
- It should be power socket.

**1- Computer system specifications.**

- Intel i-5/i7
- Windows 7 OS (32 bit or 64 bit) & Windows 8 OS (32 bit or 64 bit).
- 4 GB RAM (Higher memory for higher performance
- 500GB Hard disk (1TB HDD for volume storage).
- 4 USB (2.0 version) ports.
- CD-DVD writer drive.
- Monitor Screen – Minimum size 15.6” with HD display.
- 2KB UPS With one hour’s power back.

**14. Flushing Pump:**

- Should be able to irrigate the fluid down either instrumentation or the auxiliary water
- The flushing pump should be microprocessor controlled.
- A water container with a minimum of 2 liters capacity to hold the fluids should be provided.
- The water container and lid should be autoclavable.



## Annexure - 1

### PARTICULARS OF THE BIDDER

Sr. No	Description	Details (to be filled by the responder to the Bid)
1	Name of the company	
2	Official address	
3	Phone No. And Fax No.	
4	Corporate Headquarters Address	
5	Phone No. And Fax No.	
6	Web Site Address	
7	Details of Company's Registration (Please enclose copy of the company registration document)	
8	Name of Registration Authority	
9	Registration Number and Year of Registration	
10	ISO certifications and its validity	
11	GST registration No.	
12	Permanent Account Number (PAN)	
13	Company's Revenue for last 3 years (Year wise)	
14	Company's net worth for the last year	
15	Bank Details (Name, Account no., Branch, IFSC, MICR)	



## Annexure – 2

The Bidder has to quote the rate in the Item Data available online with this bid. Details to be filled up for price bid are as below:

**The price shall be inclusive of all taxes (inclusive of GST) under the relevant Laws of India.**


SL. No	Particular	Amount In Rs. (Inclusive of All the taxes)
1	Total Cost for the Procurement Equipment's for the department of Medical Gastroenterology at Adichunchanagiri Hospital and Research Center, BG Nagara - 571448, Mandya (District)	
<b>Total in Rs and in words –</b>		

Cost related to Supply and Installation as per Items mentioned in the Compliance sheet for technical proposal.

SL. No	Particulars	Total Quantity In nos.	Unit Rate in Rs	Total Cost in Rs.
1	Video Endoscopy System	01		
2	Video Processor	01		
3	Adult Video Gastroscope	01		
4	Adult Video Colonoscope	01		
5	Video Duodenoscope/ERCP Scope	01		
6	Pediatric Video Gastroscope	01		
7	Pediatric Video Colonoscope	01		



8	High-Definition LCD Monitor	01		
9	Endoscopic CO2 regulation unit	01		
10	Computer System	01		
11	Endoscope flushing Pump	01		
<b>Total in Rs</b>				
<b>GST @18% in Rs.</b>				
<b>Grand Total Amount in Rs.</b>				

  
HEAD, CLPC  
CRI ADICHUNCHANAGIRI  
SHREEKANTA TRUST  
BANGALORE - 560084