



ZILLA SWASTHYA SAMITI, DEOGARH  
(Dept. of Health & FW, Govt. of Odisha.)



NO. 4384

Dt. 08/12/23

**CORRIGENDUM**

After Pre bid discussion on the tender Call Notice No.4447, Dt.18.11.2023 for supply of Equipment & Instrument under WODC Fund/o CDM & PHO, Deogarh, has been amended. The revised tender call notice is available in the District Web Site [WWW.DEOGARH.NIC.IN](http://WWW.DEOGARH.NIC.IN). The correction made are as follows.

1. GI endoscopy Specification published vide Tender No.4447, Dt. 18.11.2023 is hereby corrected.
2. For Laparoscope the items that needs to be quoted with set shall be made accordingly.

All other terms and conditions of the Tender Call Notice remain unaltered. The last date & Time of receipt of bid documents is extended up to 18/12/2023 at 05.00 Pm. The date & Time of opening the Tender 19/12/2023 at 11:00 AM.

Sd/-

CDM & PHO CUM- District Mission Director, Deogarh

Chief District Medical &  
Public Health Officer  
DEOGARH

**Technical Specifications for Full High-Definition Endoscopy system with Upper GI Scope and Lower GI Scope & Duodenovideoscope-**

**A) High-Definition Gastroscope Adult with Auxiliary Water channel**

- Should have built in HDTV compatible CMOS/CCD with Close observation capacity up to 2mm.
- Should have NBI/BLI/ISCAN-OE real time optical chromo endoscopy system.
- Should have Electronic Zoom function up to 2X more.
- In built scope identification memory chip for monitor display of scope's model no. serial no.,white balancing memory, no. of connections/cumulative uses etc.
- Fully immersible in disinfectant solution (no need to attach water resistant cap) & one touchconnectivity.
- Scope should be latest launch in India at the time of quoting the tender.
- Scope should have Auxiliary water channel for water jet facility.

Field of view	140°
Observation range	2mm-100mm
Bending capability	Up 210° /Down 90° Right 100°/Left 100°
Distal end diameter	9.2 mm or less
Insertion tube diameter	9.3 mm or less
Working channel diameter	2.8 mm or more
Working length	1100 mm or more
Total length	1400 mm or more

**B) High-Definition Video Colonoscope (Adult) Auxiliary Water channel**

- Should have built in HDTV compatible CMOS/CCD with Close observation capacity up to 2mm.
- Should have NBI/BLI/ISCAN-OE real time optical chromo endoscopy system.
- Should have Electronic Zoom function up to 2X.
- In built scope identification memory chip for monitor display of scope's model no. serial no.,white balancing memory, no. of connections/cumulative uses etc.
- Should have inbuilt features like Advance force transmission, adaptive bending /Passive & variable / gradual stiffness for ease of insertion.
- Fully immersible in disinfectant solution (no need to attach water resistant cap) & one touch connectivity.
- Should have Electronic Zoom function up to 2X.
- Scope should be latest launch in India at the time of quoting the tender.

  
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- Scope should have Auxiliary water channel for water jet facility.

Field of view	170°
Observation range	2.0mm-100mm
Bending capability	Up: 180° /Down 180° Right 160°/Left 160°
Distal end diameter	12.8 mm or less
Insertion tube diameter	12.8 mm or less
Working channel diameter	3.7 mm or more
Working length	1690 mm or more
Total length	2010 mm or more

**C) Duodenovideoscope (1no):**

- Built in latest HD CCD/CMOS.
- Should have Image enhancement facility.
- In build Scope identification memory chip for monitor display of scope's model No. and other scope details.
- Scope should be the latest available in the world Market.
- Should have locking mechanism Dual Lock/G-Lock for guide wire exchange with 15-degree/5-Degree backward viewing.
- Should have Advance/High-Force-Transmission ~1:1 transfer of pushing & rotating forces.
- Should have removable distal cover for ease of cleaning.
- Field of view 100° or more
- Direction of view Retro viewing 15°/5°
- Observation range 5-60mm or better
- Bending capability. Up 120° /Down 90° , Right 110° /Left 90° or better.
- Distal end diameter 13.5 mm or less

  
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- o Insertion tube diameter 11.5 mm or less
- o Working channel diameter 4.2 mm or more
- o Working length 1200 mm or more
- o Total length 1500 mm or more
- o Standard accessories for ERCP procedure

**D) Full HD Video Processor Module (1No) :**

- Equipped with high resolution HDTV Imaging capacity.
- Should be compatible with Analog and Digital output with 1920X1080p output.
- Minimum 2nos HDTV image output (3G-SDI/DVI-D) for HD image transfer to monitor/ reporting device.
- Integrated/Separate, light weight and ergonomically designed.
- Should have Special light function such as FICE/BLI/NBI/I-SCAN OE to see the vascular/mucosal pattern.
- System should support Close focus up to 1.5 mm to get enhanced image for diagnosis.
- System should have Edge & Structure enhancement.
- White balance Free function/ Automatic white balance would be an added advantage.
- Recording of both still & moving images
- Portable Memory & USB Slot for image recording with 4 GB internal memory and external USB (8GB) Automatic IRIS control & automatic white balance.
- Automatic IRIS control & automatic white balance
- Should be compatible with Optical zoom, Enteroscopy scopes, EUS system for future upgradation.
- Electronic Zoom up to 2X.
- Equipped with memory back up for settings & Lithium battery.
- **Should be compatible with the AI (Artificial Intelligence) from same manufacturer for future upgradation.**

**E) Light Source (1No):**

- Long life Multi LED light source (3 or more LED bulb) with minimum lamp life of 6000hours, & light intensity equivalent to Xenon 300 watt.
- Backlit front panel indicators.
- Equipped with special filter/facility for BLI/NBI/OE-I Scan or equivalent chromo endoscopy imaging.
- Equipped with automatic light adjustment forced air cooling, regulated air feeding pump and fan with low noise.
- Compatible for waterproof one touch connector
- Compact & light weight design weight up to 25 Kg.
- Integrated/Separate, light weight and ergonomically designed.

  
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- Should be compatible with the AI (Artificial Intelligence) from same manufacturer for future upgradation.

**F) Full HD Medical Grade Monitor (1No)**

26" or more medical grade monitor compatible with the above quoted system.

- Screen size 26 inches or more.
- Medical Grade monitor
- Full HD display (1920x1080) p
- Compatible picture in picture display with compatible video processor and endoscopes.

**G) Co2 Insufflator/ Endoscopic CO2 Regulation unit (1 No)**

Should have following specifications-

- One button start/stop operation, pressure display and timer function to automate CO2 insufflations shut off.
- Should have two controlled flow rate settings.
- Should have a maximum pressure feed of 45kPA or more.
- Should not be more than 6kg in weight.
- Compatible co2 cylinder (Indian Make)

**H) Water Jet/ Irrigation pump(1 no)**

Should have following specifications-

- Should be able to irrigate the fluid down either instrumentation or auxiliary water channel.
- Water container with minimum of 1 liter's capacity to hold the fluids.
- Easy foot switch operation of water flow.

**I) System should be supplied with below mentioned items -**

- Compatible trolley to mount the system (1no).
- HD Reporting and Reporting Software (1no)
- Computer system with i5 processor, 8GB RAM & 1 TB HDD or higher (1no)
- Laser color printer (1no).
- 3 kVA online UPS (1no)
- Noiseless Suction Machine (1no)
- Scope cabinet to store all the scopes
- Biopsy forceps 2 each for UGI & LGI
- Sphincterotome 1 nos.
- Guidewire 1 nos.

**Terms and conditions:**

- The system must have a standard comprehensive warranty of 2 years.
- Should be European CE/US FDA certified.

  
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