

TENDER REF. NO.: KK/250/2026/HTD

**MINISTRY OF HEALTH
NEGARA BRUNEI DARUSSALAM**

**PROVISION OF ENDOSCOPY SYSTEM FOR
GASTROENTEROLOGY DEPARTMENT, MINISTRY OF
HEALTH**

TENDER FEE : \$100.00

RECEIPT NO. :

CLOSING DATE : ON TUESDAY, 10th November 2026

TIME : 2.00 PM

FOA :

**THE CHAIRMAN
MINI TENDER BOARD, TENDER BOX
GROUND FLOOR, MINISTRY OF HEALTH
COMMONWEALTH DRIVE
BANDAR SERI BEGAWAN BB3910
NEGARA BRUNEI DARUSSALAM**

[CLUSTERING]

SECTION 2

SPECIFICATIONS AND REQUIREMENTS

TENDER REFERENCE NO: KK/250/2026/HTD

INVITATION TO TENDER

PROVISION OF ENDOSCOPY SYSTEM FOR GASTROENTEROLOGY DEPARTMENT, MINISTRY OF HEALTH

SCOPE OF WORK AND SUMMARY OF PRICES

This tender is for the supply of an endoscopy system with scopes for:

1. GASTROENTEROLOGY UNIT, RAJA ISTERI PENGIRAN ANAK SALEHA (RIPAS) HOSPITAL, BRUNEI MUARA

DESCRIPTION	QTY
ENDOSCOPY SYSTEM	1 Unit
FLEXIBLE VIDEO GASTROSCOPE	2 Units
FLEXIBLE VIDEO COLONOSCOPE	2 Units
PACS INTEGRATION	1 lot

2. Gastroenterology Unit, Pengiran Muda Mahkota Pengiran Muda Haji Al-Muhtadee Billah (PMMPMHAMB) Hospital, Tutong

DESCRIPTION	QTY
ENDOSCOPY SYSTEM	1 Unit
FLEXIBLE VIDEO GASTROSCOPE	3 Units
FLEXIBLE VIDEO COLONOSCOPE	3 Units
ONE TIME SUPPLY OF CONSUMABLES	1 lot
PACS INTEGRATION	1 lot

3. GASTROENTEROLOGY UNIT, SURI SERI BEGAWAN (SSB) HOSPITAL, KUALA BELAIT

DESCRIPTION	QTY
ENDOSCOPY SYSTEM	1 Unit
FLEXIBLE VIDEO GASTROSCOPE	3 Units
FLEXIBLE VIDEO COLONOSCOPE	3 Units
ONE TIME SUPPLY OF CONSUMABLES	
PACS INTEGRATION	

SECTION 1 – USER REQUIREMENTS

Instructions to Tenderer: For each requirement below, indicate compliance by marking “Y” (Yes) or “N” (No), and provide the requested value, description, or brochure page reference in the last column.

1. GENERAL REQUIREMENTS

1.1 System Overview

REF	REQUIREMENT
1.1.1	An endoscopy system with integrated video processor and light source, 4K monitor, irrigation pump, suction unit and mobile cart.

2. HARDWARE REQUIREMENTS

2.1 Integrated Video Processor and Light Source

REF	REQUIREMENT
2.1.1	Combination of video processor and light source in one box.
2.1.2	4K video processor with 4K resolution output.
2.1.3	Digital output signal: 12G-SDI, 3G-SDI.
2.1.4	Customizable large touch screen panel for settings and control. (Tenderer to state the size of the touch screen panel.)
2.1.5	Customizable buttons and individual user profiles.
2.1.6	One-touch connector for quick, easy connection of scopes.
2.1.7	5 LED light source.
2.1.8	Has function to freeze the endoscopic video.
2.1.9	3 modes of electronic zoom.
2.1.10	Can display and register patient data information.
2.1.11	Feature to adjust the dynamic brightness of the endoscopic image. (Tenderer to specify the feature.)
2.1.12	Capable of recording DICOM-compatible image and video, both internally and with the option to save externally. (Tenderer to specify the recording format.)
2.1.13	Clinical application – the video processor shall provide the following image-enhancement features: • White light mode to detect lesions. • Fluorescence imaging technology to differentiate between normal and abnormal tissue. (Tenderer to specify the feature.) • Enhanced visibility or contrast of highly concentrated or diluted blood colour to identify the bleeding point. (Tenderer to specify the feature.) • Enhanced visibility and contrast of the image during the procedure at highly vascularized or capillary network areas and mucosal structures. (Tenderer to specify the feature.) • Enhanced texture and colour of the image during the procedure for clearer subtle tissue differences and detection of inflammatory changes. (Tenderer to specify the feature.)

2.2 4K Monitor

REF	REQUIREMENT
2.2.1	LCD monitor with Ultra HD image quality.
2.2.2	Minimum monitor display size: 30 inches.
2.2.3	Capable of displaying Picture in Picture (PIP) and Picture out Picture (POP).
2.2.4	Input ports: 12G-SDI, 3G-SDI, DVI-D, HDMI.

2.3 Irrigation Pump

REF	REQUIREMENT
2.3.1	Suitable for washing of gastric and colonic mucosa during endoscopic procedures.
2.3.2	Maximum flow rate for instrument channel: up to 650ml/min.
2.3.3	Maximum flow rate for auxiliary water channel: up to 200ml/min.
2.3.4	Compatible with all the flexible videoscopes offered.
2.3.5	To supply a one-time five hundred (500) units of irrigation tubing for procedures, for each of PMMPHAMB Hospital and SSB Hospital.

2.4 Suction Unit

REF	REQUIREMENT
2.4.1	Suitable for endoscopy use.
2.4.2	Mountable or can be easily stored on the supplied mobile cart.
2.4.3	Compatible with all flexible videoscopes offered.
2.4.4	Selectable suction flow rate of 40, 50 and 60L/min or better.
2.4.5	Vacuum can reach a minimum of 90kPa or better.
2.4.6	Adjustable air flow rates between 30 to 60L/min or better.
2.4.7	Comes with a vacuum gauge with a range of 0–100kPa or better.
2.4.8	Quiet operation, less than 50 dB (A). (Tenderer to specify.)
2.4.9	To supply two (2) autoclavable and reusable suction canisters, for each of PMMPHAMB Hospital and SSB Hospital.
2.4.10	To supply a one-time three hundred (300) units of filters, for each of PMMPHAMB Hospital and SSB Hospital.

2.5 Mobile Cart

REF	REQUIREMENT
2.5.1	Cart with lockable castors of minimum 125mm diameter.
2.5.2	Comes with monitor mounting and shelves for storage.
2.5.3	Comes with a separation transformer.
2.5.4	Comes with a central switch.

2.6 Flexible Video Gastroscope

REF	REQUIREMENT
2.6.1	Image sensor technology and type: CMOS and High Definition.
2.6.2	Light source: LED.
2.6.3	Direction of view: forward viewing.

REF	REQUIREMENT
2.6.4	Minimum field of view: 140°. (Tenderer to state the FOV.)
2.6.5	Depth of field: able to see within 2–100mm or better. (Tenderer to state the DOF.)
2.6.6	Maximum distal end width: not more than 9.9mm. (Tenderer to state the distal end width.)
2.6.7	Maximum instrument working channel: not more than 2.8mm. (Tenderer to state the instrument working channel.)
2.6.8	Maximum working length: not less than 1000mm. (Tenderer to state the working length.)
2.6.9	Maximum insertion tube width: not more than 9.6mm. (Tenderer to state the insertion tube width.)
2.6.10	Angulation – UP: can view up to 210°. (Tenderer to state the UP angulation.)
2.6.11	Angulation – DOWN: can view up to 90°. (Tenderer to state the DOWN angulation.)
2.6.12	Angulation – LEFT: can view up to 100°. (Tenderer to state the LEFT angulation.)
2.6.13	Angulation – RIGHT: can view up to 100°. (Tenderer to state the RIGHT angulation.)
2.6.14	Integrated water jet channel.
2.6.15	Inclusive of carrying cases.
2.6.16	Inclusive of all cleaning accessories and waterproof connector.

2.7 Flexible Video Colonoscope

REF	REQUIREMENT
2.7.1	Image sensor technology and type: CMOS and High Definition.
2.7.2	Light source: LED.
2.7.3	Direction of view: forward viewing.
2.7.4	Minimum field of view: 170°. (Tenderer to state the FOV.)
2.7.5	Depth of field: able to see within 2–100mm or better. (Tenderer to state the DOF.)
2.7.6	Maximum distal end width: not more than 13.2mm. (Tenderer to state the distal end width.)
2.7.7	Maximum instrument working channel: not more than 3.8mm. (Tenderer to state the instrument working channel.)
2.7.8	Maximum working length: not less than 1600mm. (Tenderer to state the working length.)
2.7.9	Maximum insertion tube width: not more than 12.8mm. (Tenderer to state the insertion tube width.)
2.7.10	Angulation – UP: can view up to 180°. (Tenderer to state the UP angulation.)
2.7.11	Angulation – DOWN: can view up to 180°. (Tenderer to state the DOWN angulation.)
2.7.12	Angulation – LEFT: can view up to 160°. (Tenderer to state the LEFT angulation.)
2.7.13	Angulation – RIGHT: can view up to 160°. (Tenderer to state the RIGHT angulation.)

REF	REQUIREMENT
2.7.14	Inclusive of carrying cases.
2.7.15	Inclusive of all cleaning accessories and waterproof connector.

3. SOFTWARE, NETWORKING & PACS INTEGRATION

3.1 Networking, Connectivity and PACS Integration

REF	REQUIREMENT
3.1.1	The offered system must be DICOM 3.0 and PACS-ready, and shall support: • DICOM Image Transfer. • DICOM Worklist Management.
3.1.2	Image and video must be able to be stored in DICOM format.
3.1.3	System must have activated wireless connectivity or a wired Ethernet RJ45 port.
3.1.4	The system proposed shall be integrated and connected to PACS. Tenderer to include all costs of any licences, PACS integration (quoted from the PACS vendor), and any other related equipment necessary to make the integration possible. Tenderer to refer to the PACS vendor for the PACS integration requirement, and may contact the Ministry of Health's PACS vendor (Folec Communications (B) Sdn Bhd) directly for a quotation for this project.

4. CONSUMABLES

One-time supply of consumables. Tenderer to include the list of consumables below, or to offer an equivalent, compatible with the scopes offered.

4.1 One-Time Supply of Consumables – PMMPHAMB Hospital, Tutong

REF	REQUIREMENT
4.1.1	Thirty (30) units of Hot biopsy forceps for polyp removal.
4.1.2	Thirty (30) units of Cold biopsy forceps for taking histology sample (colonoscopy).
4.1.3	Sixty (60) units of Cold biopsy forceps for taking histology sample (gastroscopy).
4.1.4	Thirty (30) units of Hemoclip (colonoscopy).
4.1.5	Thirty (30) units of Hemoclip (gastroscopy).
4.1.6	Thirty (30) units of 10mm/1cm Rounded Polypectomy Snares or equivalent.
4.1.7	Thirty (30) units of 20mm/2cm Rounded Polypectomy Snares or equivalent.
4.1.8	Twenty (20) units of 30mm/3cm Rounded Polypectomy Snares or equivalent.
4.1.9	Two hundred (200) units of Disposable Scope Cleaning brushes.
4.1.10	Two hundred (200) units of Disposable Endoscope Sponge to clean endoscope.
4.1.11	Fifty (50) units of mouthguard with safety strap.

4.2 One-Time Supply of Consumables – SSB Hospital, Kuala Belait

REF	REQUIREMENT
4.2.1	Forty (40) units of Cold biopsy forceps for taking histology sample (colonoscopy).
4.2.2	One hundred (100) units of Cold biopsy forceps for taking histology sample (gastroscopy).
4.2.3	Twenty (20) units of Hemoclip (colonoscopy).
4.2.4	Twenty (20) units of Hemoclip (gastroscopy).
4.2.5	Ten (10) units of Varices ligator.
4.2.6	Ten (10) units of 10mm/1cm Rounded Polypectomy Snares or equivalent.
4.2.7	Fifty (50) units of 15mm/1.5cm Rounded Polypectomy Snares or equivalent.
4.2.8	Ten (10) units of 20mm/2cm Rounded Polypectomy Snares or equivalent.
4.2.9	Ten (10) units of 25mm/2.5cm Rounded Polypectomy Snares or equivalent.
4.2.10	Ten (10) units of Retrieval basket (colonoscopy).
4.2.11	Ten (10) units of Retrieval basket (gastroscopy).

REF	REQUIREMENT
4.2.12	Three hundred (300) units of Disposable Scope Cleaning brushes.
4.2.13	Three hundred (300) units of Disposable Endoscope Sponge to clean endoscope.
4.2.14	Fifty (50) units of mouthguard with safety strap.

5. WARRANTY

5.1 Comprehensive Warranty

REF	REQUIREMENT
5.1.1	Tenderer to include a comprehensive warranty period of two (2) years for outright purchase, and/or five (5) years for the whole leasing period.
5.1.2	Tenderers to acknowledge the Warranty Undertaking Form in Section 4, stating the terms of warranty provided for all equipment offered in the tender.

5.2 Optional Extended Comprehensive Warranty

REF	REQUIREMENT
5.2.1	Tenderer to offer an extended comprehensive warranty period of three (3) years after the initial warranty (for outright purchase).

6. END USER TRAINING

6.1 Application & Clinical Training

REF	REQUIREMENT
6.1.1	Inclusive of clinical application training for all end users (both doctors and nurses), for at least three (3) working days on-site for all the operations and applications offered with the system, by the Manufacturer's Application Specialist, which includes but is not limited to: • Basic user operation, including image transfers. • Application training for the use of the various applications provided with the system. • Basic maintenance, including troubleshooting.
6.1.2	Training certificate must be provided by the manufacturer or tenderer after completion of the training sessions.
6.1.3	On-site follow-up application training by an application specialist after three (3) months of clinical use, to ensure the system is fully optimised.

6.2 Documentation

REF	REQUIREMENT
6.2.1	Two (2) sets of User/Operation Manual in English to be provided during commissioning.
6.2.2	Two (2) sets of Training Manual in English to be provided during commissioning.

6.3 Technical Training (Biomedical Engineering)

REF	REQUIREMENT
6.3.1	Introductory technical training to Biomedical Engineers and Technicians at the BME Office, by a competent Tenderer's Engineer/Technician, which includes but is not limited to: • Troubleshooting and basic corrective maintenance. • Handling and basic inspection maintenance.

SECTION 2 – PRICE PROPOSAL

OPTION A OUTRIGHT PURCHASE WITH EXTENDED COMPREHENSIVE WARRANTY (5 YEARS WARRANTY)	• Outright purchase with a single full payment after delivery, installation, commissioning, and user training. • Includes a two (2) years comprehensive warranty, covering: ○ All parts and labour ○ On-site after-sales service support ○ Software updates and upgrades ○ Preventive Maintenance (at least once per year) • Followed by three (3) years extended comprehensive warranty with the same coverage, under a separate contract starting after the initial two years comprehensive warranty. • Payments for the extended warranty will be made on a Per Preventive Maintenance (PPM) basis, as stated in the extended warranty contract.
OPTION B LEASING PRICE FOR 5 YEARS	• Tenderer to offer the system on a 5-year leasing basis, with 20 quarterly payments over the period. • Ownership remains with the tenderer during the lease. • Leasing cost includes PACS integration. • Tenderer is responsible for full maintenance and support throughout the lease, as per the Warranty Undertaking Form. • First quarter payment starts three months after delivery, installation, commissioning, and user training. • Final quarter payment is due in the last month of the 5th year. • At the end of the lease, MOH has the option to purchase the items as a whole, subject to equipment condition and approval by the relevant committee.
CONSUMABLES	• One time supply of consumable for Tutong and Kuala Belait Hospitals. • Single full payment can be claim after commissioning are completed.

1. GASTROENTEROLOGY UNIT, RAJA ISTERI PENGIRAN ANAK SALEHA (RIPAS) HOSPITAL, BRUNEI MUARA	OPTION A	OPTION B
	PRICE: BND	QUARTERLY PRICE: BND
	PACS INTEGRATION COST: BND	TOTAL LEASING PRICE: BND
	TOTAL PRICE: BND	TOTAL PRICE (LEASING + CONSUMABLES): BND

2. GASTROENTEROLOGY UNIT, PENGIRAN MUDA MAHKOTA PENGIRAN MUDA HAJI AL-MUHTADEE BILLAH (PMMPMHAMB) HOSPITAL, TUTONG	OPTION A	OPTION B
	PRICE: BND	QUARTERLY PRICE: BND
	CONSUMABLES PRICE: BND	TOTAL LEASING PRICE: BND
	PACS INTEGRATION COST: BND	TOTAL PRICE (LEASING + CONSUMABLES): BND
	TOTAL PRICE WITH CONSUMABLES: BND	

3. GASTROENTEROLOGY UNIT, SURI SERI BEGAWAN (SSB) HOSPITAL, KUALA BELAIT	OPTION A	OPTION B
	TOTAL PRICE: BND	QUARTERLY PRICE: BND
	CONSUMABLES PRICE: BND	TOTAL LEASING PRICE: BND
	PACS INTEGRATION COST: BND	TOTAL PRICE (LEASING + CONSUMABLES): BND
	TOTAL PRICE WITH CONSUMABLES: BND	

SECTION 3 – PROCUREMENT AND TECHNICAL SPECIFICATION

3.1 Product Identification (per equipment item)

Integrated Video Processor and Light Source
4K Monitor
Irrigation Pump
Suction Unit
Mobile Cart
Flexible Video Gastroscope
Flexible Video Colonoscope
Year Introduced to Market

3.2 Commercial Terms

Price Validity (at least one (1) year price validity)
Delivery Time
Appointed as Authorized Representative of Manufacturer in Brunei (Authorized letter to be attached)
Overseas Authorized Dealer/Distributor Information – Company Name / Country of Origin

3.3 Technical / Power Specifications

Mains Power Supply (220–240V, 50–60Hz, or Others – please specify)
Battery – Yes / No; Type (rechargeable / non-rechargeable); Rating
Power Adapter/Charger Output Rating
Equipment Ambient Operating Temperature Range
Dimensions of Main Unit (mm / cm / inch)
Weight of Main Unit (kg / g / lbs)

3.5 Support & Service

Number of Local Technical Support Engineers/Technicians (trained/certified, or not yet trained on the product)
Number of Overseas Technical Support Engineers/Technicians, and nearest location (if applicable)
Equipment Whole-of-Life: supplier shall ensure spare parts for the equipment are available for a minimum of eight (8) years
Time Support: support period extending beyond the expected lifecycle of the equipment after installation – number of years (please specify)

SECTION 4 – WARRANTY UNDERTAKING FORM (PAGE 1)

Tenderer, on behalf of the manufacturer, acknowledged and undertake to provide a **Comprehensive Warranty** including **Comprehensive Maintenance Service (CMS)** for the supplied endoscopy system, covering either a full two (2) years warranty (for outright purchase) or a five (5) years lease period warranty for the following scope:

- Warrants the supplied medical equipment and its accessories to be in good condition, in working order and free from defects to the extent such equipment do not comply with specifications, under normal use for the warranty period. The scope of warranty covers to its maximum extent permitted by applicable law.
- Inclusive of Comprehensive Maintenance Service (see below)
- **Exchange warranty;** Providing replacement units or OEM parts for:
 - A. Warranty against defects – Manufacturing defects or Equipment malfunction resulted from mechanical, electrical or software failure during Commissioning or within the first six (6) months of use
 - B. Faulty workmanship or unsatisfactory condition during delivery or commissioning
 - C. If a unit or accessory is deemed used item or refurbished item (not a new unit) by the user and BME Unit.

COMPREHENSIVE MAINTENANCE SERVICE (CMS)

Tenderer must provide a comprehensive maintenance service during the warranty period. The scope for **CMS** consists of:

- A. **INSPECTION MAINTENANCE (IM)**
- B. **CORRECTIVE MAINTENANCE (CM)**
- C. **PLANNED PREVENTIVE MAINTENANCE (PPM)**
- D. **BREAKDOWN CALL**
- E. **LOANER UNIT**

A. INSPECTION MAINTENANCE (IM):

- Must be conducted every six (6) months starting from commissioning date.
- Issuance of IM Report to End User and Biomedical Engineering Unit (BME)
- Includes: Physical hardware checks on scopes and system.
- System, Software and Application check-up – with updates when available
- Performance and Functional testing
- Dust Servicing and basic internal cleaning

B. CORRECTIVE MAINTENANCE (CM):

- Comprehensive repairs and replacement of all parts (major and minor) must be fully covered using new, high-quality, and compatible parts, and completed within a maximum of 7 days.
- Comprehensive repair coverage shall include all scopes, integrated processors, and light sources (inclusive of bulb replacements).
- Upon completion of any repair, the tenderer shall perform mandatory post-repair testing—including Electrical Safety, Performance, and Functional Tests—and submit the verification reports to MOH.

SECTION 4 – WARRANTY UNDERTAKING FORM (PAGE 2)

C. PLANNED PREVENTIVE MAINTENANCE (PPM):

- Provide one (1) comprehensive PPM per year covering both the hardware and software aspects of the entire system.
- Maintenance work must comply with Manufacturer's Preventive Maintenance Standards. This includes scope servicing, leakage testing, and the replacement of rubber parts, O-rings, valves, seals, or relevant kits to prolong system lifespan.
- Maintenance must be performed solely by the manufacturer's certified service personnel or authorized vendors.
- The tenderer must provide a PM booklet to log all completed services and apply a visible Maintenance Due Date sticker to the equipment after each PPM. Perform by Certified service personnel or authorized vendor by the Manufacturer.

D. BREAKDOWN CALL:

- Onsite response to assess and rectify any breakdown call after receipt of reported problem by BME Unit preferably during office hours, else after office hours or public holidays.
 - **Within 15 minutes for Emergency call (Directly affects patient safety, clinical procedures)**
 - **Within 60 minutes for Normal call**
 - **Deduction demerit shall be imposed if the Company fails to provide onsite response within the time above and the deduction amount shall be based on the frequency of event times certain rate to be formulated later.**
- Downtime limit: Equipment must be restored within the **7 calendar work days** after receipt of reported problem by BME unit
- If Downtime is expected to be more than 7 days, Tenderer must notify formally to BME unit through email or letter immediately indicating:
 - The reason of delay
 - Estimated arrival of parts/equipment or timeline of repair and return
 - Estimated arrival of loaner unit
- **If the equipment is not restored within seven (7) calendar days from the date the problem is reported, and no valid notification has been provided, a penalty of BND \$50 per day per unit will apply starting from the 8th calendar day of downtime.**

E. UPTIME AND PERFORMANCE TARGET

- The equipment must maintain an operational uptime of **at least 99%** during the contract term, excluding scheduled maintenance periods.
- Downtime beyond this limit will be subject to penalties as outlined in Section D.
- The Tenderer shall **provide monthly uptime reports** demonstrating compliance with this target.

F. LOANER UNIT

- If equipment is out of service for more than 7 days, the tenderer must immediately provide a comparable loaner unit at no additional cost to MOH to minimize service disruption.
Or
- If an equipment breakdown occur that cannot be resolved on-site within 24 hours, the tenderer shall provide a comparable loaner unit at no additional cost to MOH.
- If scheduled PPM reduces the number of available scopes, a loaner unit must be provided to minimize service disruptions.

**PROVISION OF ENDOSCOPY SYSTEM FOR GASTROENTEROLOGY DEPARTMENT,
MINISTRY OF HEALTH**

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**PROVISION OF ENDOSCOPY SYSTEM FOR GASTROENTEROLOGY DEPARTMENT,
MINISTRY OF HEALTH**

SECTION 3

TENDER FORM

TENDER REFERENCE NO: KK/250/2026/HTD

INVITATION TO TENDER

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SCOPE OF WORK AND SUMMARY OF PRICES

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TOTAL COST FOR ONE TIME SUPPLY OF CONSUMABLES FOR TUTONG AND KUALA BELAIT.		BND\$													
TOTAL COST FOR PACS INTEGRATION FOR ALL 3 LOCATIONS.		BND\$													

**PROVISION OF ENDOSCOPY SYSTEM FOR GASTROENTEROLOGY DEPARTMENT,
MINISTRY OF HEALTH**

SECTION 1 – USER REQUIREMENTS

Instructions to Tenderer: For each requirement below, indicate compliance by marking “Y” (Yes) or “N” (No), and provide the requested value, description, or brochure page reference in the last column.

1. GENERAL REQUIREMENTS

1.1 System Overview

REF	REQUIREMENT	Y	N	TENDERER TO STATE / SPECIFY / REMARKS / BROCHURE PAGE
1.1.1	An endoscopy system with integrated video processor and light source, 4K monitor, irrigation pump, suction unit and mobile cart.			

2. HARDWARE REQUIREMENTS

2.1 Integrated Video Processor and Light Source

REF	REQUIREMENT	Y	N	TENDERER TO STATE / SPECIFY / REMARKS / BROCHURE PAGE
2.1.1	Combination of video processor and light source in one box.			
2.1.2	4K video processor with 4K resolution output.			
2.1.3	Digital output signal: 12G-SDI, 3G-SDI.			
2.1.4	Customizable large touch screen panel for settings and control. (Tenderer to state the size of the touch screen panel.)			
2.1.5	Customizable buttons and individual user profiles.			
2.1.6	One-touch connector for quick, easy connection of scopes.			
2.1.7	5 LED light source.			
2.1.8	Has function to freeze the endoscopic video.			
2.1.9	3 modes of electronic zoom.			
2.1.10	Can display and register patient data information.			
2.1.11	Feature to adjust the dynamic brightness of the endoscopic image. (Tenderer to specify the feature.)			
2.1.12	Capable of recording DICOM-compatible image and video, both internally and with the option to save externally. (Tenderer to specify the recording format.)			
2.1.13	Clinical application – the video processor shall provide the following image-enhancement features: • White light mode to detect lesions. • Fluorescence imaging technology to differentiate between normal and abnormal tissue. (Tenderer to specify the feature.) • Enhanced visibility or contrast of highly concentrated or diluted blood colour to identify the bleeding point. (Tenderer to specify the feature.) • Enhanced visibility and contrast of the image during the procedure at highly vascularized or capillary network areas and mucosal structures. (Tenderer to specify the feature.) • Enhanced texture and colour of the image during the procedure for clearer subtle tissue differences and detection of inflammatory changes. (Tenderer to specify the feature.)			

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2.2 4K Monitor

REF	REQUIREMENT	Y	N	TENDERER TO STATE / SPECIFY / REMARKS / BROCHURE PAGE
2.2.1	LCD monitor with Ultra HD image quality.			
2.2.2	Minimum monitor display size: 30 inches.			
2.2.3	Capable of displaying Picture in Picture (PIP) and Picture out Picture (POP).			
2.2.4	Input ports: 12G-SDI, 3G-SDI, DVI-D, HDMI.			

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2.3 Irrigation Pump

REF	REQUIREMENT	Y	N	TENDERER TO STATE / SPECIFY / REMARKS / BROCHURE PAGE
2.3.1	Suitable for washing of gastric and colonic mucosa during endoscopic procedures.			
2.3.2	Maximum flow rate for instrument channel: up to 650ml/min.			
2.3.3	Maximum flow rate for auxiliary water channel: up to 200ml/min.			
2.3.4	Compatible with all the flexible videoscopes offered.			
2.3.5	To supply a one-time five hundred (500) units of irrigation tubing for procedures, for each of PMMPHAMB Hospital and SSB Hospital.			

2.4 Suction Unit

REF	REQUIREMENT	Y	N	TENDERER TO STATE / SPECIFY / REMARKS / BROCHURE PAGE
2.4.1	Suitable for endoscopy use.			
2.4.2	Mountable or can be easily stored on the supplied mobile cart.			
2.4.3	Compatible with all flexible videoscopes offered.			
2.4.4	Selectable suction flow rate of 40, 50 and 60L/min or better.			
2.4.5	Vacuum can reach a minimum of 90kPa or better.			
2.4.6	Adjustable air flow rates between 30 to 60L/min or better.			
2.4.7	Comes with a vacuum gauge with a range of 0–100kPa or better.			
2.4.8	Quiet operation, less than 50 dB (A). (Tenderer to specify.)			
2.4.9	To supply two (2) autoclavable and reusable suction canisters, for each of PMMPHAMB Hospital and SSB Hospital.			
2.4.10	To supply a one-time three hundred (300) units of filters, for each of PMMPHAMB Hospital and SSB Hospital.			

2.5 Mobile Cart

REF	REQUIREMENT	Y	N	TENDERER TO STATE / SPECIFY / REMARKS / BROCHURE PAGE
2.5.1	Cart with lockable castors of minimum 125mm diameter.			
2.5.2	Comes with monitor mounting and shelves for storage.			
2.5.3	Comes with a separation transformer.			
2.5.4	Comes with a central switch.			

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2.6 Flexible Video Gastroscope

REF	REQUIREMENT	Y	N	TENDERER TO STATE / SPECIFY / REMARKS / BROCHURE PAGE
2.6.1	Image sensor technology and type: CMOS and High Definition.			
2.6.2	Light source: LED.			
2.6.3	Direction of view: forward viewing.			
2.6.4	Minimum field of view: 140°. (Tenderer to state the FOV.)			
2.6.5	Depth of field: able to see within 2–100mm or better. (Tenderer to state the DOF.)			
2.6.6	Maximum distal end width: not more than 9.9mm. (Tenderer to state the distal end width.)			
2.6.7	Maximum instrument working channel: not more than 2.8mm. (Tenderer to state the instrument working channel.)			
2.6.8	Maximum working length: not less than 1000mm. (Tenderer to state the working length.)			
2.6.9	Maximum insertion tube width: not more than 9.6mm. (Tenderer to state the insertion tube width.)			
2.6.10	Angulation – UP: can view up to 210°. (Tenderer to state the UP angulation.)			
2.6.11	Angulation – DOWN: can view up to 90°. (Tenderer to state the DOWN angulation.)			
2.6.12	Angulation – LEFT: can view up to 100°. (Tenderer to state the LEFT angulation.)			
2.6.13	Angulation – RIGHT: can view up to 100°. (Tenderer to state the RIGHT angulation.)			
2.6.14	Integrated water jet channel.			
2.6.15	Inclusive of carrying cases.			
2.6.16	Inclusive of all cleaning accessories and waterproof connector.			

2.7 Flexible Video Colonoscope

REF	REQUIREMENT	Y	N	TENDERER TO STATE / SPECIFY / REMARKS / BROCHURE PAGE
2.7.1	Image sensor technology and type: CMOS and High Definition.			
2.7.2	Light source: LED.			
2.7.3	Direction of view: forward viewing.			
2.7.4	Minimum field of view: 170°. (Tenderer to state the FOV.)			
2.7.5	Depth of field: able to see within 2–100mm or better. (Tenderer to state the DOF.)			
2.7.6	Maximum distal end width: not more than 13.2mm. (Tenderer to state the distal end width.)			

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REF	REQUIREMENT	Y	N	TENDERER TO STATE / SPECIFY / REMARKS / BROCHURE PAGE
2.7.7	Maximum instrument working channel: not more than 3.8mm. (Tenderer to state the instrument working channel.)			
2.7.8	Maximum working length: not less than 1600mm. (Tenderer to state the working length.)			
2.7.9	Maximum insertion tube width: not more than 12.8mm. (Tenderer to state the insertion tube width.)			
2.7.10	Angulation – UP: can view up to 180°. (Tenderer to state the UP angulation.)			
2.7.11	Angulation – DOWN: can view up to 180°. (Tenderer to state the DOWN angulation.)			
2.7.12	Angulation – LEFT: can view up to 160°. (Tenderer to state the LEFT angulation.)			
2.7.13	Angulation – RIGHT: can view up to 160°. (Tenderer to state the RIGHT angulation.)			
2.7.14	Inclusive of carrying cases.			
2.7.15	Inclusive of all cleaning accessories and waterproof connector.			

3. SOFTWARE, NETWORKING & PACS INTEGRATION

3.1 Networking, Connectivity and PACS Integration

REF	REQUIREMENT	Y	N	TENDERER TO STATE / SPECIFY / REMARKS / BROCHURE PAGE
3.1.1	The offered system must be DICOM 3.0 and PACS-ready, and shall support: • DICOM Image Transfer. • DICOM Worklist Management.			
3.1.2	Image and video must be able to be stored in DICOM format.			
3.1.3	System must have activated wireless connectivity or a wired Ethernet RJ45 port.			
3.1.4	The system proposed shall be integrated and connected to PACS. Tenderer to include all costs of any licences, PACS integration (quoted from the PACS vendor), and any other related equipment necessary to make the integration possible. Tenderer to refer to the PACS vendor for the PACS integration requirement, and may contact the Ministry of Health's PACS vendor (Folec Communications (B) Sdn Bhd) directly for a quotation for this project.			

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4. CONSUMABLES

One-time supply of consumables. Tenderer to include the list of consumables below, or to offer an equivalent, compatible with the scopes offered.

4.1 One-Time Supply of Consumables – PMMPHAMB Hospital, Tutong

REF	REQUIREMENT	Y	N	TENDERER TO STATE / SPECIFY / REMARKS / BROCHURE PAGE
4.1.1	Thirty (30) units of Hot biopsy forceps for polyp removal.			
4.1.2	Thirty (30) units of Cold biopsy forceps for taking histology sample (colonoscopy).			
4.1.3	Sixty (60) units of Cold biopsy forceps for taking histology sample (gastroscopy).			
4.1.4	Thirty (30) units of Hemoclip (colonoscopy).			
4.1.5	Thirty (30) units of Hemoclip (gastroscopy).			
4.1.6	Thirty (30) units of 10mm/1cm Rounded Polypectomy Snares or equivalent.			
4.1.7	Thirty (30) units of 20mm/2cm Rounded Polypectomy Snares or equivalent.			
4.1.8	Twenty (20) units of 30mm/3cm Rounded Polypectomy Snares or equivalent.			
4.1.9	Two hundred (200) units of Disposable Scope Cleaning brushes.			
4.1.10	Two hundred (200) units of Disposable Endoscope Sponge to clean endoscope.			
4.1.11	Fifty (50) units of mouthguard with safety strap.			

4.2 One-Time Supply of Consumables – SSB Hospital, Kuala Belait

REF	REQUIREMENT	Y	N	TENDERER TO STATE / SPECIFY / REMARKS / BROCHURE PAGE
4.2.1	Forty (40) units of Cold biopsy forceps for taking histology sample (colonoscopy).			
4.2.2	One hundred (100) units of Cold biopsy forceps for taking histology sample (gastroscopy).			
4.2.3	Twenty (20) units of Hemoclip (colonoscopy).			
4.2.4	Twenty (20) units of Hemoclip (gastroscopy).			
4.2.5	Ten (10) units of Varices ligator.			
4.2.6	Ten (10) units of 10mm/1cm Rounded Polypectomy Snares or equivalent.			
4.2.7	Fifty (50) units of 15mm/1.5cm Rounded Polypectomy Snares or equivalent.			
4.2.8	Ten (10) units of 20mm/2cm Rounded Polypectomy Snares or equivalent.			
4.2.9	Ten (10) units of 25mm/2.5cm Rounded Polypectomy Snares or equivalent.			
4.2.10	Ten (10) units of Retrieval basket (colonoscopy).			
4.2.11	Ten (10) units of Retrieval basket (gastroscopy).			

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REF	REQUIREMENT	Y	N	TENDERER TO STATE / SPECIFY / REMARKS / BROCHURE PAGE
4.2.12	Three hundred (300) units of Disposable Scope Cleaning brushes.			
4.2.13	Three hundred (300) units of Disposable Endoscope Sponge to clean endoscope.			
4.2.14	Fifty (50) units of mouthguard with safety strap.			

**PROVISION OF ENDOSCOPY SYSTEM FOR GASTROENTEROLOGY DEPARTMENT,
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5. WARRANTY

5.1 Comprehensive Warranty

REF	REQUIREMENT	Y	N	TENDERER TO STATE / SPECIFY / REMARKS / BROCHURE PAGE
5.1.1	Tenderer to include a comprehensive warranty period of two (2) years for outright purchase, and/or five (5) years for the whole leasing period.			
5.1.2	Tenderers to acknowledge the Warranty Undertaking Form in Section 4, stating the terms of warranty provided for all equipment offered in the tender.			

5.2 Optional Extended Comprehensive Warranty

REF	REQUIREMENT	Y	N	TENDERER TO STATE / SPECIFY / REMARKS / BROCHURE PAGE
5.2.1	Tenderer to offer an extended comprehensive warranty period of three (3) years after the initial warranty (for outright purchase).			

6. END USER TRAINING

6.1 Application & Clinical Training

REF	REQUIREMENT	Y	N	TENDERER TO STATE / SPECIFY / REMARKS / BROCHURE PAGE
6.1.1	Inclusive of clinical application training for all end users (both doctors and nurses), for at least three (3) working days on-site for all the operations and applications offered with the system, by the Manufacturer's Application Specialist, which includes but is not limited to: • Basic user operation, including image transfers. • Application training for the use of the various applications provided with the system. • Basic maintenance, including troubleshooting.			
6.1.2	Training certificate must be provided by the manufacturer or tenderer after completion of the training sessions.			
6.1.3	On-site follow-up application training by an application specialist after three (3) months of clinical use, to ensure the system is fully optimised.			

6.2 Documentation

REF	REQUIREMENT	Y	N	TENDERER TO STATE / SPECIFY / REMARKS / BROCHURE PAGE
6.2.1	Two (2) sets of User/Operation Manual in English to be provided during commissioning.			
6.2.2	Two (2) sets of Training Manual in English to be provided during commissioning.			

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6.3 Technical Training (Biomedical Engineering)

REF	REQUIREMENT	Y	N	TENDERER TO STATE / SPECIFY / REMARKS / BROCHURE PAGE
6.3.1	Introductory technical training to Biomedical Engineers and Technicians at the BME Office, by a competent Tenderer's Engineer/Technician, which includes but is not limited to: • Troubleshooting and basic corrective maintenance. • Handling and basic inspection maintenance.			

**PROVISION OF ENDOSCOPY SYSTEM FOR GASTROENTEROLOGY DEPARTMENT,
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SECTION 2 – PRICE PROPOSAL**

OPTION A OUTRIGHT PURCHASE WITH EXTENDED COMPREHENSIVE WARRANTY (5 YEARS WARRANTY)	• Outright purchase with a single full payment after delivery, installation, commissioning, and user training. • Includes a two (2) years comprehensive warranty, covering: ○ All parts and labour ○ On-site after-sales service support ○ Software updates and upgrades ○ Preventive Maintenance (at least once per year) • Followed by three (3) years extended comprehensive warranty with the same coverage, under a separate contract starting after the initial two years comprehensive warranty. • Payments for the extended warranty will be made on a Per Preventive Maintenance (PPM) basis, as stated in the extended warranty contract.
OPTION B LEASING PRICE FOR 5 YEARS	• Tenderer to offer the system on a 5-year leasing basis, with 20 quarterly payments over the period. • Ownership remains with the tenderer during the lease. • Leasing cost includes PACS integration. • Tenderer is responsible for full maintenance and support throughout the lease, as per the Warranty Undertaking Form. • First quarter payment starts three months after delivery, installation, commissioning, and user training. • Final quarter payment is due in the last month of the 5th year. • At the end of the lease, MOH has the option to purchase the items as a whole, subject to equipment condition and approval by the relevant committee.
CONSUMABLES	• One time supply of consumable for Tutong and Kuala Belait Hospitals. • Single full payment can be claim after commissioning are completed.

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1. GASTROENTEROLOGY UNIT, RAJA ISTERI PENGIRAN ANAK SALEHA (RIPAS) HOSPITAL, BRUNEI MUARA	OPTION A	OPTION B
	PRICE: BND	QUARTERLY PRICE: BND
	PACS INTEGRATION COST: BND	TOTAL LEASING PRICE: BND
	TOTAL PRICE: BND	TOTAL PRICE (LEASING + CONSUMABLES): BND

2. GASTROENTEROLOGY UNIT, PENGIRAN MUDA MAHKOTA PENGIRAN MUDA HAJI AL- MUHDADEE BILLAH (PMMPMHAMB) HOSPITAL, TUTONG	OPTION A	OPTION B
	PRICE: BND	QUARTERLY PRICE: BND
	CONSUMABLES PRICE: BND	TOTAL LEASING PRICE: BND
	PACS INTEGRATION COST: BND	TOTAL PRICE (LEASING + CONSUMABLES): BND
	TOTAL PRICE WITH CONSUMABLES: BND	

3. GASTROENTEROLOGY UNIT, SURI SERI BEGAWAN (SSB) HOSPITAL, KUALA BELAIT	OPTION A	OPTION B
	TOTAL PRICE: BND	QUARTERLY PRICE: BND
	CONSUMABLES PRICE: BND	TOTAL LEASING PRICE: BND
	PACS INTEGRATION COST: BND	TOTAL PRICE (LEASING + CONSUMABLES): BND
	TOTAL PRICE WITH CONSUMABLES: BND	

**PROVISION OF ENDOSCOPY SYSTEM FOR GASTROENTEROLOGY DEPARTMENT,
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SECTION 3 – PROCUREMENT AND TECHNICAL SPECIFICATION

3.1 Product Identification (per equipment item)

Integrated Video Processor and Light Source	Brand:	Model:	Country of Origin:
4K Monitor	Brand:	Model:	Country of Origin:
Irrigation Pump	Brand:	Model:	Country of Origin:
Suction Unit	Brand:	Model:	Country of Origin:
Mobile Cart	Brand:	Model:	Country of Origin:
Flexible Video Gastroscope	Brand:	Model:	Country of Origin:
Flexible Video Colonoscope	Brand:	Model:	Country of Origin:
Year Introduced to Market			

3.2 Commercial Terms

Price Validity (at least one (1) year price validity)	
Delivery Time	
Appointed as Authorized Representative of Manufacturer in Brunei (Authorized letter to be attached)	☐ Authorized Agent ☐ Authorized Dealer/Distributor
Overseas Authorized Dealer/Distributor Information – Company Name / Country of Origin	

3.3 Technical / Power Specifications

Mains Power Supply (220–240V, 50–60Hz, or Others – please specify)	
Battery – Yes / No; Type (rechargeable / non-rechargeable); Rating	
Power Adapter/Charger Output Rating	
Equipment Ambient Operating Temperature Range	
Dimensions of Main Unit (mm / cm / inch)	
Weight of Main Unit (kg / g / lbs)	

3.5 Support & Service

Number of Local Technical Support Engineers/Technicians (trained/certified, or not yet trained on the product)	
Number of Overseas Technical Support Engineers/Technicians, and nearest location (if applicable)	
Equipment Whole-of-Life: supplier shall ensure spare parts for the equipment are available for a minimum of eight (8) years	
Time Support: support period extending beyond the expected lifecycle of the equipment after installation – number of years (please specify)	

**PROVISION OF ENDOSCOPY SYSTEM FOR GASTROENTEROLOGY DEPARTMENT,
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SECTION 4 – WARRANTY UNDERTAKING FORM

SECTION 4 – WARRANTY UNDERTAKING FORM (PAGE 1)

Tenderer, on behalf of the manufacturer, acknowledged and undertake to provide a **Comprehensive Warranty** including **Comprehensive Maintenance Service (CMS)** for the supplied endoscopy system, covering either a full two (2) years warranty (for outright purchase) or a five (5) years lease period warranty for the following scope:

- Warrants the supplied medical equipment and its accessories to be in good condition, in working order and free from defects to the extend such equipment do not comply with specifications, under normal use for the warranty period. The scope of warranty covers to its maximum extent permitted by applicable law.
- Inclusive of Comprehensive Maintenance Service (see below)
- **Exchange warranty**; Providing replacement units or OEM parts for:
 - A. Warranty against defects – Manufacturing defects or Equipment malfunction resulted from mechanical, electrical or software failure during Commissioning or within the first six (6) months of use
 - B. Faulty workmanship or unsatisfactory condition during delivery or commissioning
 - C. If a unit or accessory is deemed used item or refurbished item (not a new unit) by the user and BME Unit.

COMPREHENSIVE MAINTENANCE SERVICE (CMS)

Tenderer must provide a comprehensive maintenance service during the warranty period. The scope for **CMS** consists of:

- A. INSPECTION MAINTENANCE (IM)**
- B. CORRECTIVE MAINTENANCE (CM)**
- C. PLANNED PREVENTIVE MAINTENANCE (PPM)**
- D. BREAKDOWN CALL**
- E. LOANER UNIT**

A. INSPECTION MAINTENANCE (IM):

- Must be conducted every six (6) months starting from commissioning date.
- Issuance of IM Report to End User and Biomedical Engineering Unit (BME)
- Includes: Physical hardware checks on scopes and system.
- System, Software and Application check-up – with updates when available
- Performance and Functional testing
- Dust Servicing and basic internal cleaning

B. CORRECTIVE MAINTENANCE (CM):

- Comprehensive repairs and replacement of all parts (major and minor) must be fully covered using new, high-quality, and compatible parts, and completed within a maximum of 7 days.
- Comprehensive repair coverage shall include all scopes, integrated processors, and light sources (inclusive of bulb replacements).
- Upon completion of any repair, the tenderer shall perform mandatory post-repair testing—including Electrical Safety, Performance, and Functional Tests—and submit the verification reports to MOH.

**TENDERER
ACKNOWLEDGMENT
ON WARRANTY
UNDERTAKING FORM
(PAGE 1)**

**COMPANY CHOP AND
SIGNATURE**

**PROVISION OF ENDOSCOPY SYSTEM FOR GASTROENTEROLOGY DEPARTMENT,
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SECTION 4 – WARRANTY UNDERTAKING FORM (PAGE 2)

C. PLANNED PREVENTIVE MAINTENANCE (PPM):

- Provide one (1) comprehensive PPM per year covering both the hardware and software aspects of the entire system.
- Maintenance work must comply with Manufacturer's Preventive Maintenance Standards. This includes scope servicing, leakage testing, and the replacement of rubber parts, O-rings, valves, seals, or relevant kits to prolong system lifespan.
- Maintenance must be performed solely by the manufacturer's certified service personnel or authorized vendors.
- The tenderer must provide a PM booklet to log all completed services and apply a visible Maintenance Due Date sticker to the equipment after each PPM. Perform by Certified service personnel or authorized vendor by the Manufacturer.

D. BREAKDOWN CALL:

- Onsite response to assess and rectify any breakdown call after receipt of reported problem by BME Unit preferably during office hours, else after office hours or public holidays.
 - **Within 15 minutes for Emergency call (Directly affects patient safety, clinical procedures)**
 - **Within 60 minutes for Normal call**
 - **Deduction demerit shall be imposed if the Company fails to provide onsite response within the time above and the deduction amount shall be based on the frequency of event times certain rate to be formulated later.**
- Downtime limit: Equipment must be restored within the **7 calendar work days** after receipt of reported problem by BME unit
- If Downtime is expected to be more than 7 days, Tenderer must notify formally to BME unit through email or letter immediately indicating:
 - The reason of delay
 - Estimated arrival of parts/equipment or timeline of repair and return
 - Estimated arrival of loaner unit
- **If the equipment is not restored within seven (7) calendar days from the date the problem is reported, and no valid notification has been provided, a penalty of BND \$50 per day per unit will apply starting from the 8th calendar day of downtime.**

E. UPTIME AND PERFORMANCE TARGET

- The equipment must maintain an operational uptime of **at least 99%** during the contract term, excluding scheduled maintenance periods.
- Downtime beyond this limit will be subject to penalties as outlined in Section D.
- The Tenderer shall **provide monthly uptime reports** demonstrating compliance with this target.

F. LOANER UNIT

- If equipment is out of service for more than 7 days, the tenderer must immediately provide a comparable loaner unit at no additional cost to MOH to minimize service disruption. **Or**
- If an equipment breakdown occur that cannot be resolved on-site within 24 hours, the tenderer shall provide a comparable loaner unit at no additional cost to MOH.
- If scheduled PPM reduces the number of available scopes, a loaner unit must be provided to minimize service disruptions.

**PROVISION OF ENDOSCOPY SYSTEM FOR GASTROENTEROLOGY DEPARTMENT,
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TERMS AND CONDITIONS

A. Tenderer Eligibility & Submission Requirements

REF	TERMS AND CONDITIONS	VENDOR'S ACKNOWLEDGEMENT
1	The Tender Form should be filled in completely, including the User Requirement Form (if available). Submission of an incomplete form may result in disqualification of the tender.	
2	Brochures/catalogues should be submitted/attached with the tender document.	☐ YES ☐ NO
3	The tenderer is required to provide justification for any price increase of a product previously supplied to the Ministry of Health by the same supplier/distributor.	

B. Pricing, Delivery & Validity

REF	TERMS AND CONDITIONS	VENDOR'S OFFER
1	Delivery period: not more than hundred twenty (120) days upon confirmation. (Tenderer to state the delivery period.)	
2	Price validity: the quotation shall remain valid for twelve (12) months from the final date of submission of the quotation, and no supplier may withdraw their quotation within that period. The Government reserves the right to extend this period if deemed necessary, provided any extension has the written consent of the supplier(s).	

C. Equipment & Consumables Condition

REF	TERMS AND CONDITIONS	VENDOR'S OFFER
1	All consumables supplied throughout this tender shall have a minimum expiry date of twelve (12) months on delivery (if applicable). Should consumables be urgently needed, provision of consumables with an expiry date of less than twelve (12) months shall first be agreed with the User prior to delivery.	
2	The equipment supplied must be newly manufactured, unused, and in its original, sealed packaging. The equipment must not be previously owned, refurbished, or reconditioned in any form.	
3	The vendor is required to provide proof of manufacture date and official certification from the original manufacturer confirming the equipment is new.	