

**SPECIALIZED HEALTH CARE  
AND MEDICAL EDUCATION  
DEPARTMENT**

**GOVERNMENT OF THE  
PUNJAB**



**Health Department**

**PRODUCT VOCABULARY  
MEDICAL STORE (PVMS) OF  
ENDOSCOPY**

**Volume - I , 2016**

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**NOTE:**

**Minor variation in sizes and values will not be considered as reason of rejection against any item.**

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<b>PVMS OF MEDICAL EQUIPMENT</b>	
<b>Clinical Specialty</b>	Endoscopy
<b>Generic Name</b>	<b>VIDEO GASTROSCOPE (ULTRASLIM)</b>
<b>Clinical Purpose</b>	To diagnose , Treat , Therapy of Oesophageal , stomach for ulcer, gastric cancer, biliary diseases, Barret'sesophageal treatment for Peads Patients
<b>TECHNICAL SPECIFICATIONS</b>	
Ultra-Slim Video Gastro Scope with advanced technological features. Transnasal Video Gastroscope	
Field of view	140° or more
Direction of view	Forward viewing
Depth of field	4 - 100 mm or better.
Insertion tube diameter:	5.9 mm or less
Distal end diameter	5.9 mm or less
Channel inner diameter:	2.0 mm or more
Working length:	1100 mm or more
Angulations:	Up 210°, Down 90°, Right 100°, Left100° or better
Observation facility for greater contrast of blood vessels and mucosa	
Accessories:	
Optional (If any):	

<b>PVMS OF MEDICAL EQUIPMENT</b>	
<b>Clinical Specialty</b>	Endoscopy
<b>Generic Name</b>	<b>HIGH DEFINITION VIDEO GASTROSCOPE</b>
<b>Clinical Purpose</b>	To diagnose , Treat , Therapy of Esophageal , stomach for ulcer, gastric cancer , Biliary Diseases, Barret's esophageal treatment for Peads Patients
<b>TECHNICAL SPECIFICATIONS</b>	
High Definition Video Gastroscope with CCD / CMOS and advanced technological features	
Field of view	140 degree
Direction of view	Forward viewing
Depth of field	2 -100 mm or better.
Insertion tube diameter:	9.8 mm or less
Channel inner diameter:	2.8 mm or more
Bending Section:	Up 210°, Down 90°, Right 100°, Left 100° or better
Working Length:	1030 mm or more
Observation facility for greater contrast of blood vessels and mucosa.	
<b>Accessories:</b>	
Optional (If any):	

<b>PVMS OF MEDICAL EQUIPMENT</b>	
<b>Clinical Specialty</b>	Endoscopy
<b>Generic Name</b>	<b>HIGH DEFINITION VIDEO GASTROSCOPE (THERAPEUTIC)</b>
<b>Clinical Purpose</b>	For the Therapeutic, cutting, treatment, resection, and usage of electrosurgical unit and laser treatment for mucosal and submucosal dissection and diagnosis.
<b>TECHNICAL SPECIFICATIONS</b>	
High Definition Video Gastroscope (Therapeutic) with CCD / CMOS and advanced technological features	
Field of view:	140° or better
Direction of view	0° (Forward Viewing)
Depth of field	4 - 100 mm or better
Distal end diameter	11 mm or less
Insertion tube diameter	11 mm or less
Channel inner diameter	3.2 mm or more
Working Length:	1050mm or more
Angulations:	Up 210°, Down 90°, Right 100°, Left 100° or better
Water Jet Function.	
Observation facility for greater contrast of blood vessels and mucosa	
<b>Accessories:</b>	
Optional (If any):	

<b>PVMS OF MEDICAL EQUIPMENT</b>	
<b>Clinical Specialty</b>	Endoscopy
<b>Generic Name</b>	<b>VIDEO GASTROSCOPE (DUAL CHANNEL)</b>
<b>Clinical Purpose</b>	Dual channel scope can be used as treatment of twin accessories at a same time, or use two different accessories at a same time, for support and resection, or for powerful suction via one channel and to use other channel as a source of treatment / therapy.
<b>TECHNICAL SPECIFICATIONS</b>	
Video Gastroscope (Dual Channel) with CCD / CMOS and advanced technological features	
Field of view:	140°
Direction of view:	Forward viewing
Depth of field:	4 - 100 mm or better.
Distal end diameter	13.2 mm or less
Insertion tube diameter	12.8 mm or less
Working length:	1030 mm or more
Channel diameter:	2.8 mm & 3.7 mm or better
Angulations:	Up 180°, Down 90°, Right 100°, Left 100° or better Water jet function.
<b>Accessories:</b>	
Optional (If any):	

<b>PVMS OF MEDICAL EQUIPMENT</b>	
<b>Clinical Specialty</b>	Endoscopy
<b>Generic Name</b>	<b>HIGH DEFINITION VIDEO ZOOM GASTROSCOPE</b>
<b>Clinical Purpose</b>	To Identify the mucosal layer details under magnification for Endo-Mucosal resection or to treat ulcers on minute details. Zoom scope also help to analyses the minute details of structure.
<b>TECHNICAL SPECIFICATIONS</b>	
<p>High Definition Video Zoom Gastroscope with CCD / CMOS and advanced technological features  Optical magnification for zoom / dual focus mechanism.</p> <p>Direction of view: Forward viewing  Field of view 140°  Insertion tube diameter 9.9 mm or less  Distal end diameter 10.6 mm or less  Working length 1030 mm or more  Channel inner diameter 2.8 mm or more  Bending Section: Up 210°, Down 90 degree, Right 100°, Left 100° or better  Water Jet function.  Observation facility for greater contrast of blood vessels and mucosa</p>	
<b>Accessories:</b>	
Optional (If any):	

<b>PVMS OF MEDICAL EQUIPMENT</b>	
<b>Clinical Specialty</b>	Endoscopy
<b>Generic Name</b>	<b>HIGH DEFINITION VIDEO COLONOSCOPE</b>
<b>Clinical Purpose</b>	Ultra Slim is a small-diameter colonoscope for use in patients with smaller anatomy, such as children and smaller women. It can also help physicians complete procedures rectum-to-cecum in patients with inflammation, obstructions, or colon strictures, such as diverticulitis and post-operative adhesions.
<b>TECHNICAL SPECIFICATIONS</b>	
High Definition Video Colonoscope (Slim) with CCD / CMOS and advanced technological features	
Direction of view:	Forward viewing
Field of view	140° or better
Depth of field	3 - 100 mm or better
Distal end diameter	10.5 mm or less
Insertion tube diameter	9.8 mm or less
Channel inner diameter	3.2 mm or more
Working Length:	1650mm or more
Angulations:	Up 180°, Down 160°, Right 160°, Left 160° or better
Observation facility for greater contrast of blood vessels and mucosa	
<b>Accessories:</b>	
Optional (If any):	



<b>PVMS OF MEDICAL EQUIPMENT</b>	
<b>Clinical Specialty</b>	Endoscopy
<b>Generic Name</b>	<b>HIGH DEFINITION VIDEO COLONOSCOPE (THERAPEUTIC)</b>
<b>Clinical Purpose</b>	Therapeutic colonoscope used for the hemostasis, resection and ablation of benign and malignant disease, decompression and recanalization of obstructed or dilated bowel, as well as foreign body extraction.
<b>TECHNICAL SPECIFICATIONS</b>	
High Definition Video Colonoscope (Therapeutic) with CCD / CMOS and advanced technological features	
Direction of view:	Forward viewing
Field of view	140° or better
Depth of field	2 - 100 mm
Distal end diameter	13.2 mm or less
Insertion tube diameter	12.8 mm or less
Channel inner diameter	3.7 mm or more
Working Length:	1650mm or more
Angulations:	Up 180°, Down 180°, Right 160°, Left 160° or better
Water jet function.	
Observation facility for greater contrast of blood vessels and mucosa	
Gradual Stiffness / Graduated Decreasing Flexibility / RIT	
<b>Accessories:</b>	
Optional (If any):	

<b>PVMS OF MEDICAL EQUIPMENT</b>	
<b>Clinical Specialty</b>	Endoscopy
<b>Generic Name</b>	<b>HIGH DEFINITION VIDEO COLONOSCOPE WITH ZOOMING</b>
<b>Clinical Purpose</b>	To Identify the mucosal layer details under magnification for Endo-Mucosal resection or to treat ulcers on minute details. Zoom scope also help to analyses the minute details of structure
<b>TECHNICAL SPECIFICATIONS</b>	
<p>High Definition Video Colonoscope with zooming with CCD / CMOS and advanced technological features</p> <p>Optical magnification for Zoom / Dual focus mechanism.</p> <p>Direction of view: Forward viewing</p> <p>Field of view 140° or better</p> <p>Total Depth of field 4 - 100 mm or better</p> <p>Distal end diameter 13.2 mm or less</p> <p>Insertion tube diameter 13.2 mm or less</p> <p>Channel inner diameter 3.7 mm or more</p> <p>Working Length: 1650mm or more</p> <p>Angulations: Up 180°, Down 180°, Right 160°, Left 160° or better</p> <p>Water jet function.</p> <p>Observation facility for greater contrast of blood vessels and mucosa</p> <p>Gradual Stiffness / Graduated Decreasing Flexibility / RIT</p>	
<b>Accessories:</b>	
Optional (If any):	

<b>PVMS OF MEDICAL EQUIPMENT</b>	
<b>Clinical Specialty</b>	Endoscopy
<b>Generic Name</b>	<b>DUODENO VIDEO SCOPE</b>
<b>Clinical Purpose</b>	To diagnose and treat conditions associated with the pancreatobiliary system.
<b>TECHNICAL SPECIFICATIONS</b>	
Video Duodenoscope with CCD / CMOS and advanced technological features	
Field of view:	100°
Direction of view	5°-10° or better(Backward Viewing)
Depth of field:	5 - 60 mm or better
Distal end diameter:	13.7 or less
Insertion tube diameter	11.6 mm or less
Working length:	1200 mm or more
Channel inner diameter:	4.2 mm
<b>Angulation :</b>	Up 120° Down 90° Right 105° Left 90° or better
Observation facility for greater contrast of blood vessels and mucosa.	
<b>Accessories:</b>	
Optional (If any):	

<b>PVMS OF MEDICAL EQUIPMENT</b>	
Clinical Specialty	Endoscopy
Generic Name	<b>ENDOSCOPIC ULTRA SOUND SYSTEM (EUS)</b>
Clinical Purpose	To diagnose sub-epithelial tumors (SETs) and extra-luminal lesions in the gastrointestinal tract.
<b>TECHNICAL SPECIFICATIONS</b>	
<p>High Resolution Digital Color Ultrasound Scanner for endoscopic Examination and Elastography.</p> <p><b>Operating modes</b> 2D. Flow mode and combination, Power Doppler, Pulse wave Doppler and B-mode,</p> <p><b>Image</b> Full / Central screen.</p> <p><b>Computing systems</b> Digital EUS system with alpha numeric keyboard and built in trackball. Freeze facility with key board or endoscope, foot switch Cine memory/frame rate of 600 or more Dynamic range 90dB / 40-100% or more High Definition Medical Grade 26" LED / LCD color monitor or larger Digital acquisition, storage and review of complete ultrasound studies built in hard disk/Internal memory the studies can be stored on to CD or DVD or USB DICOM / Endobase compatible</p> <p><b>Measurements &amp; Soft wares</b> Measurement of length angle distance area circumference velocity and volume tissue harmonic imaging echo endoscopy Ultrasonography (EUS) Contrast harmonic endoscopic imaging compound imaging Elastography. Programmable patient data management software</p> <p><b>Digital Printer</b> Medical grade color printer with 10 boxes of paper roll of High Density Medical grade B/W printer with 20 paper rolls of high density</p> <p><b>Accessories:</b></p>	
Optional (If any):	

<b>PVMS OF MEDICAL EQUIPMENT</b>	
<b>Clinical Specialty</b>	Endoscopy
<b>Generic Name</b>	<b>ULTRASONIC LINEAR GASTRO VIDEO SCOPE</b>
<b>Clinical Purpose</b>	To Diagnosis Staging of mediastinal lymph nodes and tumors, Staging of esophageal lymph nodes and tumors, Metastatic celiac adenopathologies at esophageal tumors, Staging of pancreas tumors and lymph nodes, Observation of the malignancy of pancreas tumors, EUS assisted resection Ablation of mucosal lesions (polyps), Resection of submucosal tumors, Puncture of pancreatic pseudo cysts, Injection therapy.
<b>TECHNICAL SPECIFICATIONS</b>	
Field of View:	100° or better
Direction of View:	Forward oblique 40 or more
Distal End Diameter:	14.6 mm or less
Insertion tube:	12.8 mm or less
Instrument Channel:	3.7 mm or more
Working Length:	1250mm or more
Display mode:	B-Mode, Color Doppler / Color Flow.
Scanning method:	Curved linear Array
Scanning Direction:	Parallel/longitudinal to insertion direction
Frequency:	Multi frequency 5-10 MHz or better
Scanning Range:	120° or more
Connecting Method:	Balloon Method/direct contact
Air water valve for air and water	
<b>Accessories:</b>	
Optional (If any):	

<b>PVMS OF MEDICAL EQUIPMENT</b>	
<b>Clinical Specialty</b>	Endoscopy
<b>Generic Name</b>	<b>ULTRASONIC RADIAL VIDEO SCOPE</b>
<b>Clinical Purpose</b>	For Diagnostic use in general, no treatment, Examination of esophageal cancer ,Examination of stomach wall, stomach cancer and staging of stomach cancer, Submucosal tumors, Difficult situations at the papilla, Pancreatitis, During pull-out of the endoscope you can examine the entire stomach and stomach wall, from antrum to esophagus and nothing is missed, Observation of pancreatic duct from one side (papilla) to the other (pancreas)
<b>TECHNICAL SPECIFICATIONS</b>	
Radial Echoendoscope.	
Scanning range.	360°
Direction of view	55 / forward
Insertion Tube Diameter:	12.7 mm or less
Distal End Diameter:	13.8 mm or less
Channel Diameter:	2.2-2.8 mm or more
Working Length:	1250mm or more
Display Mode:	B-mode, Color Doppler / Color Flow.
Scanning Method:	Radial Array
Frequency:	Multi Frequency 5-10 MHz
Connecting Method, Balloon Method	
<b>Accessories:</b>	
<b>Optional :</b>	
<b>Ultrasonic Probes for small duct with probe drive unit.</b>	
2.6 mm or less- 12 MHz or equivalent probe.	
2.6 mm or less - 20 MHz or equivalent probe.	

<b>PVMS OF MEDICAL EQUIPMENT</b>	
<b>Clinical Specialty</b>	Endoscopy
<b>Generic Name</b>	<b>SMALL INTESTINAL VIDEOSCOPE (Adult)</b>
<b>Clinical Purpose</b>	Scope must provide push and pull technique and EGD disease diagnosis. Device enables to carry out fast and easy ileoscopy and upper enteroscopy procedures.
<b>TECHNICAL SPECIFICATIONS</b>	
<p><b>Single or Double Balloon</b> (Procuring agency to Specify) Enteroscope System</p> <p>Efficient hand control &amp; automatic pressure control</p> <p>Observation Range: 3-100 mm or better</p> <p>Field of View: 140<sup>0</sup></p> <p>Insertion Tube Diameter: 9.8 mm (For Single Balloon) <b>OR</b> 11.6mm (For Double Balloon)</p> <p>Distal End Diameter: 9.8 mm (For Single Balloon) <b>OR</b> 11.6mm (For Double Balloon)</p> <p>Instrument Channel: 2.8 mm (For Single Balloon) <b>OR</b> 3.2mm (For Double Balloon)</p> <p>(Procuring Agency to Specify).</p> <p>Working Length:</p> <p>Angulations: Up / Down: 180<sup>0</sup> / 180<sup>0</sup> , Right / Left: 160<sup>0</sup> /160<sup>0</sup> or better.</p> <p><b>Balloon Controller:</b></p> <p>Set Pressure of Balloon: ±5Kpa or more</p>	
<p><b>Accessories:</b></p> <p><b>10 Set of standard Accessories.</b></p>	
Optional (If any):	

<b>PVMS OF MEDICAL EQUIPMENT</b>	
<b>Clinical Specialty</b>	Endoscopy
<b>Generic Name</b>	<b>HIGH DEFINITION VIDEO SYSTEM CENTRE (HD)</b>
<b>Clinical Purpose</b>	It helps in vivo diagnostic ensures faster detection, easier demarcation and characterization of gastrointestinal lesions to support improved patient outcomes.
<b>TECHNICAL SPECIFICATIONS</b>	
<p>High Definition Video System having following features.</p> <p>HD-SDI and DVI outputs</p> <p>HD Image Quality with 1920x1080 Resolution</p> <p>Programmable functions through endoscope switches</p> <p>White balance adjustment</p> <p>Automatic gain control</p> <p>Freeze screen display</p> <p>Patient data/image storage facility</p> <p>keyboard for data handling</p> <p>Capable for visual enhancement and differentiation of vessels and Capillaries.</p>	
<p><b>Accessories:</b></p> <p>Standard Accessories with Leakage Taster.</p>	
<p>Optional (If any):</p>	



<b>PVMS OF MEDICAL EQUIPMENT</b>	
<b>Clinical Specialty</b>	Endoscopy
<b>Generic Name</b>	<b>RECORDING SYSTEM/IMAGE CAPTURING DEVICE</b>
<b>Clinical Purpose</b>	To record HD Images and videos of the procedures and can be used for patients records and comparing the studies and teaching purposes
<b>TECHNICAL SPECIFICATIONS</b>	
Separate or built in medical grade digital video HD recorder. Having built in recording facility with integrated 450GB or more Hard Drive.	
<b>Accessories:</b>	
Optional (If any):	

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<b>PVMS OF MEDICAL EQUIPMENT</b>	
<b>Clinical Specialty</b>	Endoscopy
<b>Generic Name</b>	<b>XENON LIGHT Source 300W</b>
<b>Clinical Purpose</b>	It enables visualization of gastrointestinal mucosal structures also contributing to clear and more detailed visualization of mucosa.
<b>TECHNICAL SPECIFICATIONS</b>	
Separate or built in advanced 300W Xenon light Source for Video Scopes. Average lamp life, Approx 500 hours Emergency Lamp Halogen or LED. Brightness level adjustable. High intensity mode. Air pump. Monitoring of lamp usage.	
<b>Accessories:</b>	
Optional (If any):	

APPROVED PVMS

<b>PVMS OF MEDICAL EQUIPMENT</b>	
<b>Clinical Specialty</b>	Endoscopy
<b>Generic Name</b>	<b>CO2 REGULATION/CO2 INSUFFLATOR</b>
<b>Clinical Purpose</b>	It provides greater visibility for improved diagnosis and polyp detection. It minimizes patient discomfort associated with bloating and cramping from room air. Reduces the number of patients that need to be seen by physician in recovery.
<b>TECHNICAL SPECIFICATIONS</b>	
<p>For the minimization of luminal with selectable flow rate easy reliable one button start / stop operation            02 different controlled flow rate settings            complete with full accessories  <b>Including</b>            Cylinder hose            Gas Tube</p>	
<b>Accessories:</b>	
Optional (If any):	

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<b>PVMS OF MEDICAL EQUIPMENT</b>	
<b>Clinical Specialty</b>	Endoscopy
<b>Generic Name</b>	<b>LED / LCD HIGH DEFINITION COLOR MONITOR</b>
<b>Clinical Purpose</b>	To display the clinical findings.
<b>TECHNICAL SPECIFICATIONS</b>	
26" or more Medical Grade Wall mounted for teaching Aspect ratio of 16:9 or more.	
<b>Accessories:</b>	
Optional (If any):	

APPROVED PVMS

<b>PVMS OF MEDICAL EQUIPMENT</b>	
<b>Clinical Specialty</b>	Endoscopy
<b>Generic Name</b>	<b>BATTERY BACKUP</b>
<b>Clinical Purpose</b>	For Battery Backup.
<b>TECHNICAL SPECIFICATIONS</b>	
Built in or Separate battery backup for whole system with minimum 30 minutes battery backup.	
<b>Accessories:</b>	
Optional (If any):	

APPROVED PVMS

<b>PVMS OF MEDICAL EQUIPMENT</b>	
<b>Clinical Specialty</b>	Endoscopy
<b>Generic Name</b>	<b>WATER PUMP</b>
<b>Clinical Purpose</b>	Used with water jet for cleaning the lens of scope.
<b>TECHNICAL SPECIFICATIONS</b>	
Water jet / Flushing pump for scopes, compatible with all scopes.	
<b>Accessories:</b>	
Optional (If any):	

APPROVED PVMS

PVMS OF MEDICAL EQUIPMENT	
<b>Clinical Specialty</b>	Endoscopy
<b>Generic Name</b>	<b>WORKSTATION (DEDICATED for Endoscopy)</b>
<b>Clinical Purpose</b>	To placing the all components of endoscopy system.
TECHNICAL SPECIFICATIONS	
<p>Trolley based Workstation.  Swivel arm for monitor.  Electrical wiring with sockets and isolation transformer  Sliding Keyboard shelf / tray.  Placement provision of printer.</p> <p><b>Imported</b> (to be supplied by the same manufacturer).</p>	
<b>Accessories:</b>	
Optional (If any):	

APPROVED PVMS

<b>PVMS OF MEDICAL EQUIPMENT</b>	
<b>Clinical Specialty</b>	Endoscopy
<b>Generic Name</b>	<b>ENDOSCOPIC WASHER &amp; PRE-PROCESSOR (IMPORTED)</b>
<b>Clinical Purpose</b>	To disinfect the scope from viral and bacterial contamination.
<b>TECHNICAL SPECIFICATIONS</b>	
Automatic High Pressure Washing & Cleaning capability Free standing type Applicable scopes, Flexible endoscopes Number of reprocessed scopes 01/ 02 at a time Number of washing basin 01/02 Cleaning time setting, 1-10 minutes Disinfection time setting 5-60 minutes Display of Parameters Compatible with quoted scopes Complete with all accessories. Ready to use	
<b>Accessories:</b>	
Optional (If any):	

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<b>PVMS OF MEDICAL EQUIPMENT</b>	
Clinical Specialty	Endoscopy
Generic Name	<b>SUCKER MACHINE HEAVY DUTY DEDICATED FOR ENDOSCOPY</b>
Clinical Purpose	Suction machine used for the suction of debris, clinical pathologies and mucus from the abdominal part.
<b>TECHNICAL SPECIFICATIONS</b>	
<p>Heavy duty autoclavable.            Aspiration rate up to 50-60 liters/minutes at 650-900mm.Hg            Vacuum continuously adjustable            10X bacterial filter            Complete aspiration set            Over flow safety device            220v/50 Hz. I Phase            Noise Level should not more than 50 dB.</p>	
<b>Accessories:</b>	
Optional (If any):	

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<b>PVMS OF MEDICAL EQUIPMENT</b>	
Clinical Specialty	Endoscopy
Generic Name	<b>DIATHERMY MACHINE</b>
Clinical Purpose	To cut, coagulate the lesion and resect the lesion via High frequency.
<b>TECHNICAL SPECIFICATIONS</b>	
<p>Microprocessor based Solid State Electrosurgical unit Separate controls for Monopolar and bipolar coagulation            RF power for Monopolar cutting not below 120watts            Output Power for Monopolar cut 120Watt or better            Output Power for Monopolar Coagulation 120Watt or better            At least 2- blend modes            Output Power for Bipolar coagulation 120 watt or more            Earth free patient circuit.            Complete with foot switch, Patient plate.            All electrosurgical unit to conform to I.E.C-601-1 standard.            Local trolley with imported lockable wheels.            The system must have Automatic self-test.            220V 50 Hz I Phase.            The Machine must have a <b>GASTROCUT / ENDOCUT / PULSE CUT</b> Function.</p>	
<b>Accessories:</b>	
Optional (If any):	

<b>PVMS OF MEDICAL EQUIPMENT</b>	
<b>Clinical Specialty</b>	Endoscopy
<b>Generic Name</b>	<b>GASTROESOPHAGEAL HIGH RESOLUTION SOLID STATE MANOMETRY</b>
<b>Clinical Purpose</b>	To find the parameter via pressure for esophageal reflux diseases.
<b>TECHNICAL SPECIFICATIONS</b>	
<p><b>Modules:</b></p> <ul style="list-style-type: none"> <li>• Manometry Module.</li> <li>• Interface cable</li> </ul> <p><b>Trolley:</b></p> <ul style="list-style-type: none"> <li>• With computer and color Laser Printer with 24" Monitor LCD.</li> </ul> <p>Analysis Software:</p> <ul style="list-style-type: none"> <li>• Esophageal catheter with Software. 32- 36 Pressure channel Catheter with 12-16 Impedance channel.</li> <li>• Anorectal Catheter with software with Bio-feedback Pelvic floor reconstruction. 20 Plus channel for HRAM.</li> <li>• ODDI Sphincter of ODI with software and catheter. Patient database software + Ph analysis software + Impedance software</li> </ul> <p><b>Ph Monitoring:</b> <b>Ambulatory PH-RECORDER</b></p> <ul style="list-style-type: none"> <li>• Flash Card / Wireless blue tooth / USB Cable and dongle for Pc.</li> <li>• 6 or more impedance channel + 1 PH. 10 Qty.</li> <li>• 6 or more Impedance channel + 1 Ph 10 Qty.</li> </ul> <p>Complete with standard accessories.</p>	
<b>Accessories:</b>	
Optional (If any):	

<b>PVMS OF MEDICAL EQUIPMENT</b>	
<b>Clinical Specialty</b>	Endoscopy
<b>Generic Name</b>	<b>ENDOSCOPY SIMULATOR</b>
<b>Clinical Purpose</b>	To train end-user on the latest techniques and therapies of simulator.
<b>TECHNICAL SPECIFICATIONS</b>	
<p>The generalized specifications of stimulator to be prepared by the end user.  The end user shall certify that generalization of specifications and get it approved from the concern committee and procuring agency before the process of procurement.</p>	
<b>Accessories:</b>	
Optional (If any):	

APPROVED PVMS

PVMS OF MEDICAL EQUIPMENT	
<b>Clinical Specialty</b>	Endoscopy
<b>Generic Name</b>	<b>CABINET FOR SCOPE HANGING</b>
<b>Clinical Purpose</b>	For the proper storage of the scope so to avoid fungus infection.
TECHNICAL SPECIFICATIONS	
<p>State-of-the-art Endoscope Storage and Drying Cabinets with <b>full traceability</b> for the safe storage of endoscopes.</p> <p>Storage of up to 5 or 10 endoscopes  Up to 31 days storage  HEPA-filtered air supplied to each endoscope ensures channels are dried within 3 hours  Secure mounting for endoscope control and light guide plug</p> <p><b>Imported</b> (to be supplied by the same manufacturer).</p>	
<b>Accessories:</b>	
Optional (If any):	

APPROVED PVMS

<b>PVMS OF MEDICAL EQUIPMENT</b>	
<b>Clinical Specialty</b>	Endoscopy
<b>Generic Name</b>	<b>COMPUTER SYSTEM FOR RECORDING AND PATIENT REPORTING</b>
<b>Clinical Purpose</b>	To manage the data for clinical symptoms.
<b>TECHNICAL SPECIFICATIONS</b>	
<p>Desktop Latest Computer.            Core-i7 6<sup>th</sup> generation, 4GB RAM, 1T Hard Drive, USB port.            17" LCD / LED Monitor.            Key Board, Mouse Trolley based Workstation.            Computer trolley.            Color Printer.            Software for endoscopic video recording and reporting.            Accessories and connecting cables from endoscopic system to computer.</p>	
<b>Accessories:</b>	
Optional (If any):	

APPROVED PVMS