OFFICE OF THE PRINCIPAL
College of Medicine & J.N.M. Hospital
West Bengal University of Health Sciences
Kalyani, Nadia, West Bengal, Pin – 741235

Memo No. COMJNMH/PR/2025/4542 **Date:-21.11.2025**

CORRIGENDUM

(Tender Ref. NO. COMJNMH/PR/2025/4494 dated: 17.11.2025)

Modification in the specifications of **following Equipments** are hereby done, as per the decision taken in the Pre Bid Meeting held on 20.11.2025 in the Conference Room of the Administrative Building. The modified/revised specification of the Equipments will be uploaded as corrigendum for the said Tender in the e-tender portal and submission of bid will be done based on that revised specification.

Revised specification for the following Equipment as given with separate attachment:

Sl. No	ITEM	Department	Tender ID	Remarks
1	Endoscopic Camera with Light Source	ENT	2025_HFW_951262_2	Attachment with new specification
2	Electro Surgical Generator with Vessel Sealer Monopolar Cut	OBS & GYNE	2025_HFW_951262_5	Attachment with new specification
3	Hysteroscopy Set	OBS & GYNE	2025_HFW_951262_6	Attachment with new specification

21.11.25

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College of Medicine & JNM Hospital,
Kalyani, Nadia.

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Attachment:-

1. New specification of Endoscopic Camera with Light Source.
2. New specification of Electro Surgical Generator with Vessel Sealer Monopolar Cut.
3. New specification of Hysteroscopy Set.

Memo No. COMJNMH/PR/2025/4542/1(9) **Date: 21.11.2025**

Copy forwarded for information: -

1. Registrar, the West Bengal University of Health Sciences, Salt Lake, Kolkata.
2. Finance Officer, the West Bengal University of Health Sciences, Salt Lake, Kolkata.
3. Medical Superintendent, College of Medicine & J.N.M. Hospital, Kalyani, Nadia.
4. HODs Dept. of ENT, and Obs. & Gyne, College of Medicine & JNM Hospital, Kalyani, Nadia.
5. Accounts Officer, College of Medicine & JNM Hospital, Kalyani, Nadia. (Hospital Side)
6. Accounts Officer , College of Medicine & JNM Hospital, Kalyani, Nadia. (College Side)
7. Programme Officer, the West Bengal University of Health Sciences, Kolkata – to upload the matter at the Official Website of the West Bengal University of Health Sciences.
8. Sri Mayukh Jyoti Sen (DEO), College of Medicine & JNM Hospital- to upload the matter at the Official Website of the College of Medicine & JNM Hospital.
9. Office Copy.

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Attachment – 1

SPECIFICATION FOR ENDOSCOPIC CAMERA WITH LIGHT SOURCE

Sl. No.	SPECIFICATION FOR ENDOSCOPIC CAMERA WITH LIGHT SOURCE
1	**UNIT and Camera Head** The system should have the Full HD Resolution 1920 X 1080 • Internal Medical grade recorder for Capturing HD Videos and HD Stills or External Medical grade recorder should be provided from any reputed manufacturer: Capacity 50GB (external) or more, compatible with the system. • System should have facility of controlling the recording device from the camera head. • The recorder should have a USB port for direct recording on the flash drive or HDD. • The system should support direct connectivity of Chip on tip flexible fiberoptic bronchoscope & video laryngoscope Scope to the camera processor. (same has to be shown during physical demonstration of the product if required by the dept.). • The CMOS technology is required in technical specification for camera Head. **Technical Specifications:** AGC: Microprocessor controller Control buttons: 3 (2 of them freely programmable) Input: Keyboard input for character generator. Power Supply:- 100-240 VAC 50/60 Hz Certified to: IEC 601-1, 601-2-18, CSA 22.2 No. 601, UL 2601 and CE according to MDD, protection class1/CF.
2	**High Definition Medical Grade Monitor 27 Inch or more- 1pc** The monitor should have: HDTV display in original 16: 9 format. 1080 p/50 & 1080 p/60 displays possible. LED crystal display. Max. Resolution of 1920X1080. Screen diagonal - 27inches. Should have the facility of PIP mode. Accessories External 24VDC Power Supply, Mains Cord, Pedestal. Certified to: EN 60601-1, protection class IPX 1
3	**LED Light Source with Fiber optic cable** • Color Temperatures 6400K • Light Outlets-1 • Light Intensity Adjustment: - Continuously adjustable manually automatically by cameras video output signal. • Should be supplied with Diameter 4.8mm, Length 250cm. • Certified To: IEC 601-1 & UL 544 CE According to MDD, protection class 1/CF.
4	Hopkins telescope of size 4mm 0 degree with wide angle view - 1pc. (18 cm)
5	Hopkins telescope of size 4mm 30 degree with wide angle view-1pc. (18 cm)
6	Hopkins telescope of size 4mm 45 degree with wide angle view-1pc. (18 cm)
7	Hopkins telescope of size 4mm 70 degree with wide angle view - 1pc. (18 cm)
8	Hopkins telescope of size 2.7 mm 0 degree with wide angle view- 1 pc.(18 cm)

All the equipment except **Medical Grade Monitor, recording system & trolly** should be from the same manufacturer to ensure full Compatibility.
A suitable trolley should be provided.
The offered set should be CDSCO & USFDA certified.

For HOD
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Attachment - 2

Specifications For Combined electrosurgical system with vessel sealing.

- It should be an integrated system with 350W output generator and a single 7" touch screen having four quadrants for Monopolar, Bi-Polar, Vessel Fusion one generator.
- The generator should not weigh more than 10Kgs having dimensions (7*14.5*18.2 inches) (H*W*L)
- The system must be micro-processor controlled which should identify the tissue type with feedback min. 4,30,000 times/second on real basis and adjust the power to get the desired surgical effect on the tissue.
- The Power Efficiency Rating of the generator should be more than 99%.
- The system should have 2 monopolar outputs, 1 Bipolar output, and 1 Vessel Sealing output.

1. The Monopolar Mode should have
   a) Monopolar Cut
      I. Pure: 300W or more
      II. Blend: 200W or more
   b) Monopolar Coagulation:
      I. Fulgurate: 120W or more
      II. Shared Fulgurate :120W or more
      III. Spray: 120W or more
      IV. Shared Spray: 120W or more
      V. Soft: 120W or more
   c) Unit should be compactable with three button monopolar pencil which can be used to adjust the power output of the machine from the sterile field itself.
   d) Unit should have advance mode with a unique combination of haemostasis and dissection that allows the user to slow down for more haemostasis and speed up for faster dissection with a press of a single button on monopolar pencil.
   e) It should have facility to use shared coagulation mode with two pencils of two buttons or one pencil of two buttons & one pencil of three buttons.
2. The Bi-Polar Mode should have
   a) Precise: 70W
   b) Standard: 70W
   c) Macro: 70W
   d) Unit should have Auto bipolar more or advance bipolar mode with delayed time setting which when activated, unit senses tissue impedance between the two bipolar electrodes, then uses the impedance information to automatically start or stop bipolar energy delivery. Optionally, the user may select a timed activation delay for auto start and RF activation. The power settings can be increased/decreased of Bipolar precise mode by 0.5 watts.

- The system should have a current ammeter, to display the conductivity of the bipolar energy, and should have audio indication.
- The internal storage capacity of the unit should be 8Gb.
- System should have separate monopolar, bipolar, bipolar resection & Vessel Sealing foot pedal.

a) The system should have one different Vessel Fusion output which should be able to seal artery, veins along with tissue bundle up to and including 7mm in diameter, and fused vessels should be able to withstand more than 3 times of normal systolic blood pressure.
b) The Vessel seal system should be of minimum of 300W at a rated load of 20 ohms.
c) The vessel sealing system should support open and laparoscopic hand instruments
d) The vessel sealing hand instruments should have curved jaw & its sealing should be independent of Cutting.
e) Vessel hand instrument jaw should be nano coated for faster cooling and less thermal spread.
f) Thermal spread should be at least less than 2mm.
g) Vessel sealing should be an option of enabling or disabling the footswitches.
h) System should have audio visual indication for sealing complete and in complete

- System should have audio visual indication for sealing complete and in complete

- The system should have a demo mode facility and a recall facility to recall the last setting used by the user.
- System should be compatible of polyhesive contact quality monitoring system.
- Unit should have Split Type Patient Plate contact quality monitoring System for Maximum Patient Safety (Unit should not be delivering power until and unless maximum area of the patient plate is attached to patient body to minimize the risk of post-operative cautery burns).
- System should have audio-visual alarm facility, to indicate any breakage of direct contact between the patient and patient plate.
- The system should be able to save user-configurable favourite preferences.
- System should be Compatible with Argon Coagulator and smoke evacuation system.
- The system should be upgradable and should have RS232, USB, Ethernet port for on field software downloads, upgrades and serviceability.
- The system should be able to connect and function with a cardioblate device for Cardiac tissue ablation procedures.
- Unit should be compatible with laparoscopic Smoke Evacuator Device.
- **Accessories:** The System must be accompanied with the following set of accessories:

A. Monopolar Footswitch - 1
B. Bipolar Footswitch - 1
C. Vessel Sealing Footswitch – 1
D. Universal Adapter – 1
E. Laparoscopic Maryland type Vessel Sealing Instrument which can seal 07mm of vessels with inbuilt mechanical cutting- 08
F. Open Curved Jaw 21cm Vessel Sealing Hand Instrument which can seal 07 mm of Vessels with inbuilt mechanical cutting – 05
G. Laparoscopic 5mm vessel sealing instrument having Maryland-style jaw, 22.6 mm seal length, 21.8 mm cut length, 37cm shaft length containing 5mm shaft diameter and 360 degrees shaft rotation with one-step Vessel Sealing handle and Divider, used to seal and cut vessels up to and including 7mm diameter, with Inbuilt blade, for Laparoscopic Surgeries – 1
H. Adult disposable type patient plate 10
I. Three Button Hand Switching Pencil – 5
J. Laparoscopic Disposable Smoke Evacuator – 01
K. Double button disposable hand switching pencil 10

- **Term & Conditions**

A. The Manufacturer/Agent should quote the latest model available on the market. (Undertaking to be given by the Manufacturer).
B. The quoted generator should have a minimum of 100 installations in Govt. Institutions in the country.
C. All accessories should be from the same OEM.
D. The system should be defibrillator proof.
E. The Power Efficiency rating should be more than 99% and the same must be demonstrated with certified calibrated equipment and all the updated calibration certificate of all the equipment which will be using to demonstrate power efficiency rating, must be submitted at the time of technical demonstration.

The Bidder/OEM should have Valid CDSCO certificate.

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Attachment - 3

Specification of Hysteroscope (Operative & Diagnostic)

'- System must be able to be used with continuous flow.
'- The outer diameter of system must not exceed 6.5mm when combined with 4mm telescope.
'- The system must be able to be used with endo-therapy instruments up to 5Fr.
'- Telescope direction of view must be 4 MM 30°.
'- 30° telescope must be wide angle.
'- System should be autoclavable.
'- System must include semiflexible hand-instruments for grasping, cutting and biopsy purposes.
'- Hand instruments must be 5Fr. in diameter.
'- Hand instruments must not exceed 360mm in length.
'- The device must be CE certified and FDA approved.

System must be able to be used either for single or continuous flow.
'- The outer diameter of system must not exceed 4mm when assembled for single flow usage.
'- The outer diameter of system must not exceed 4.5mm when assembled for continuous flow usage.
'- The continuous flow system must have dual-channel sheath design to be as compact as possible.
'- Should be autoclavable.
'- Telescope direction of view must be3 MM 30°.
'- 30° Telescope must be wide angle.
'- Material of telescope lenses should be glass.
'- Dedicated protection tube for telescope available.
'- The device must be CE certified and FDA approved.

Specification of Bipolar TCRE

'- System must be able to be used with continuous flow.
'- The outer diameter must not exceed 8.5mm.
'- The system must be rotatable at the outer sheath.
'- The working length must not exceed 194mm.
'- Telescope outer diameter must be 4mm.
'- Telescope direction of view must be 30°.
'- Dedicated instrument tray for 4mm telescope available.
'- System should be autoclavable.
'- System must work with Anti-Blocking-System to ensure continuous flow and to prevent tissue sticking to the cervical canal. (Proprietary)
'- Assembling and disassembling must be due to a logical locking system.
'- Inner sheath must be with ceramic beak.
'- Working element must be available either for passive or active use.
'- Working element must be dedicated for use in monopolar energy.
'- Working element must be dedicated for use in bipolar energy.
'- HF-resection electrodes must be dedicated for use in bipolar energy under saline.
'- Tip of HF-resection electrode must be a loop dedicated for use with 30° telescope.
'- Tip of HF-resection electrode must be a roller dedicated for use with 30° telescope.
'- Tip of HF-resection electrode must be a 45°-needle dedicated for use with 30° telescope
'- Tip of HF-resection electrode must be a button for plasma vaporisation dedicated for use in 30°telescope
'- HF-cable should have instrument recognition when connected to HF unit.
'- The devices must be CE certified and FDA approved

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