



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/2026/1840

Date:- 21.07.2026

CORRIGENDUM FOR REVISED SPECIFICATION

(Tender Ref. NO. COMJNMH/PR/2026/1756 Dated: 13.07.2026)

Modification in the specifications of **following Equipments** are hereby done, as per the decision taken in the Pre-Bid Meeting held on 20.07.2026 in the Conference Room of the Administrative Building. The revised specification of the Equipments will be uploaded as corrigendum for the said Tender in the e-tender portal and also be downloaded from website of <https://wbtenders.gov.in>, <https://www.wbuhs.ac.in> & <https://www.comjnmh.ac.in>. The 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	Micro-Debrider Machine with Blade	ENT	2026_HFW_1032322_1	Attachment No. 1
2	Electro Surgical Generator with Vessel Sealer Monopolar Cut	OBS & GYNE	2026_HFW_1032322_5	Attachment No. 2
3	Hysteroscopy Set	OBS & GYNE	2026_HFW_1032322_6	Attachment No. 3

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Attachment:-

1. Revised Specification of Micro-Debrider Machine with Blade
2. Revised Specification of Electro Surgical Generator with Vessel Sealer Monopolar Cut
3. Revised Specification of Hysteroscopy Set

Memo No. COMJNMH/PR/2026/1840/1(3)

Date: 21.07.2026

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, COM & JNM Hospital, Kalyani, Nadia.
4. HODs Dept. of ENT and Obs. & Gyne, COM & JNM Hospital, Kalyani, Nadia.
5. Accounts Officer, COM & JNM Hospital, Kalyani, Nadia. (Hospital Side)
6. Accounts Officer, COM & JNM Hospital, Kalyani, Nadia. (College Side)
7. Sri Arnab Sarkar, 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) and Sri Nupul Mondal (DEO), COM & JNM Hospital - to upload the matter at the Official Website of the College of Medicine & JNM Hospital.
9. Office Copy.

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Micro-Debrider Machine with Blade.

Sl. No.	Specification		Qty
1	Console:	1. Should have in built user-friendly interactive menu and illustrative help guide. 2. The various parameters should be able to adjust either from touch screen panel or from the multifunction foot switch. 3. Should be able to connect multiple hand pieces at a time like Debrider hand pieces minimum 5000 RPM or more in Oscillating mode & 1200 RPM or more in forward Mode), Otologic drills (up to 80000 RPM), (Stapedectomy Drill upto 16000 RPM-preferable). 4. Console should recognize the various hand pieces and automatically adjust setting accordingly. 5. Should have inbuilt pumps each for irrigation (5Cc/Min to 100 Cc/Min and cooling). 6. Should have multifunction ergonomically designed foot control with identifiable makers for easy identification. 7. Should be able to control speed/mode, forward/reverse toggle, Active hand piece change from the Foot control itself. 8. Should have emergency hand switch option operable in sterile field to work without foot pedal in case of foot switch failure. 9. Should have options for remote control irrigation to operate from sterile area. 10. Should have built scope Lens cleaning system-preferable. 11. Should have provision to connect facial nerve monitor with the Otologic drill-preferable. 12. Should have option to connect with Skeeter drill-preferable. 13. Should have option to connect Oscillating, Reciprocating and Sagittal Saws. 14. Should have clamps to fit in to IV pole for OT Space Management-preferable. 15. Should be USFDA and CE Approved.	1 (One Unit)
	Debrider Handpiece	15. Able to work up to the Speed minimum 12000 or more RPM in forward rotation and 5000 or more RPM in oscillation mode. 16. Should have fingertip control for intraoperative blade tip rotation up to 360 degree -preferable. 17. Should have straight suction path to reduce clogging and allow efficient tissue removal. 18. Should have finer blade locking system to lock the blade tip rotation-preferable. 19. Should have integrated side grooves and cable clips to provide better tubing management. 20. Should have Titanium body/antirust body. 21. Should come with Zero, 12,40,60,90. 120-degree and laryngeal blades-preferable. 22. Should be compatible with 12k burs for frontal sinus drilling.	
	High Speed Otology	23. Drill handpiece should be ergonomically designed and easy to hold while operating. 24. Drill must be useful for lateral skull base as well as trans-nasal skull base procedures 25. The system should have electric motor which has maximum stall torque more than 35mNm. 26. Motor should run up to maximum speed of 50000 or more RPM. 27. Weight of the drill should not be more than 100 grams or less and length should be less than 12 cm or less with diameter not exceeding 1.80 cm. 28. Handpiece should have quick release and lock system for tools and attachment. 29. The handpiece should be provided with one straight and one angled attachment required for lateral skull base surgeries. 30. The handpiece should be compatible with trans nasal skull base burs which should be directly attached to the motor. 31. Drill must be provided with variety of cutting and diamond burs: I. 0 degree tricort blade 4mm- 2pc II. 40 degree curved blade 4mm- 1pc, III. 60 degree curved blade 4mm- 1pc IV. 120 degree curved blade 4mm- 1 V. High Speed DCR burr- 1pc VI. Adenoid blade 4mm- 1pc VII. Skimmer Laryngeal 4mm blade- 1pc VIII. 40 degree curved skull base diamond burr- 1pc IX. 0.5 mm & 0.6 mm Stapedectomy burs -1pc each 32. Drill must have an option of variable length of straight and angled attachment. 33. Must have option to connect irrigation tubing which can be programmed to provide intermittent or continuous irrigation.	
	Low speed Drill	Handpiece weighs only 2 oz -preferable. Variable speed upto 12,000 RPM-preferable. Self-powered or use with MPS console with optional adapter-preferable. Full range of color-coded Oto-Flex or similar burs available-preferable.	

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How

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(ELECTROSURGICAL SYSTEM WITH VESSEL SEALING)

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, Bipolar, Vessel Fusion one generator.
- 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 1 monopolar outputs, 1 Bipolar output , Vessel Sealing output and Saline TCRE or TURP output
- 1. The Monopolar Mode should have**
 - a) Monopolar Cut
 - I. Pure: 300W or more (or equivalent)
 - II. Blend: 200W or more (or equivalent)
 - b) Monopolar Coagulation:
 - I. Fulgurate: 120W or more (or equivalent)
 - II. Shared Fulgurate :120W or more(or equivalent)
 - III. Spray: 120W or more (or equivalent)
 - IV. Shared Spray: 120W or more (or equivalent)
 - V. Soft: 120W or more
 - c) Saline TCRE and TURP:
 - I. Cut:300 W
 - II. Coag:300 W
 - d) Unit should be compitable with two button monopolar pencil.
- 2. The Bipolar Mode should have**
 - a) Precise: 70W (or equivalent)
 - b) Standard: 70W (or equivalent)
 - c) Macro: 70W (or equivalent)
 - 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. (or equivalent)
- The internal storage capacity of the unit should be 8GB or 18 GB Saved program.
- System should have separate monopolar, bipolar & bipolar cutting & Vessel Sealing foot pedal or equivalent.
- 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 5mm in diameter when bipolar hand instrument used, 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 150W at a rated load of 20 ohms.The vessel sealing system should support open and laparoscopic hand instruments
- c) The vessel sealing hand instruments should have curved jaw & its sealing should be independent of Cutting.
- d) **Vessel sealing system should have the inbuilt Radiofrequency energy dependent tissue cutting facility.**
- e) Vessel hand instrument jaw should be 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 or equivalent.
- The system should have a facility and a recall facility to recall the last setting used by the user.
- System should be compatible 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 favorite preferences
- The system should be able to connect and function with a cardioblate device for Cardiac tissue ablation procedures.

➤ **Accessories:** The System must be accompanied with the following set of accessories:

- A. Monopolar Footswitch (Coagulant & Cutting) - 02
- B. Vessel Sealing Footswitch with Bipolar— 02
- C. Lap Shearer type Vessel Sealing Instrument which can seal and cut with radio frequency energy -12
- D. Open Curved Jaw Shorthand Shearer Vessel Sealing Hand Instrument (diameter 5mm)- 06.
- E. Laparoscopic Bipolar hand instrument Fenestrated Jaw (diameter 5mm)-06
- F. Adult reuseable type patient plate with cable- 02
- G. Two Hand Switching Pencil — 05
- H. Lap mono polar cable silicon -06
- I. Lap bipolar cable silicon -06

➤ **Term & Conditions**

- A. The Manufacturer/Agent should quote the latest model available on the market. (Undertaking to be given by the Manufacturer).
- B. All accessories should be from the same OEM.
- C. The system should be defibrillator proof.
- D. 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/FDA approved

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Revised Technical Specification

Attachment-3

HYSTEROSCOPY SET

Sl. No.	
6.	Item with Specification :
	HYSTEROSCOPY SET
	<u>Specification of 4mm Hysteroscope (Operative & Diagnostics)</u>
	• 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 or FDA approved. • System must be able to be used either for single or continuous flow. • The outer diameter of system must not exceed 5.5mm when assembled for single flow usage. • The outer diameter of system must not exceed 6.2mm 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 be 30-degree view • Material of telescope lenses should be glass. • Dedicated protection tube for telescopes available. • The device must be CE certified or FDA approved.

Sl. No.	Name of the Equipment with Tender Specifications		
6.	Specification of Bipolar TCRE (Resectoscope)		
	• System must be able to be used with continuous flow. • The outer diameter must not exceed 9.5mm. • The system must be rotatable at the outer sheath . • The working length must not exceed 194 mm. • Telescope outer diameter must be 4mm. • Telescope direction of view must be 30'. • Dedicated instrument tray for 4mm telescope available. • System should be autoclavable.		


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• Assembling and disassembling must be due to a logical locking system.		
• Inner sheath must be with ceramic beak.		
• Working element must be available for active use only		
• 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 (or 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 vaporization dedicated for use in 30° telescope		
• HF-cable should have instrument recognition when connected to HF unit.		
• The devices must be CE certified or FDA approved		

2.9mm hysteroscope (Operative & Diagnostic)

2.9 mm diagnostic hysteroscope with inner and outer sheath continuous flow

Examination and contact hysteroscope with forward - oblique telescope 30°, magnification 1x, 30x, diameter 2.9 mm, length 30 cm, autoclavable, fiber optic light transmission incorporated

Hysteroscope sheath for diagnostic, irrigation only, size 4.1-4.2mm outer diameter, for use with above telescope.

Inner sheath, size 4.3 - 4.4 mm with channel for semirigid 5 Fr. Instruments, with 1 stopcock and 1 LUER-Lock adapter, for use with outer sheath and 2.9 - 3.0 mm Hysteroscope telescope

Outer sheath, size 5.0 - 5.1 mm with 1 stopcock and 1 LUER-Lock adapter, for use with Inner sheath, Oval shape to facilitate easy entry in internal cervical OS.

The device must be CE certified or FDA Approved

6.	Fluid Management System.
	• Flow & Pressure controlled Irrigation System
	• Liquid Pressure Monitoring Technology
	• Disposable Pressure transducer to avoid Patient Fluid Contamination
	• Real Time Pressure & Flow Monitoring of Intra - Uterine Cavity I specific surgical site
	• Built - in Low Noise irrigation pump
	• Surgery Specific Custom Modes: Hysteroscopy & Laparoscopy ,Preferably for use in Saline Mode settings
	Alarm indication after safety threshold
	• Priming / Flush for removing air bubbles from tubing at initialization
	• Touch Screen LCD Interface
	• Pressure Range: 10 to 200 mmHg $\pm$ 10% in Hysteroscopy mode.

• Flow Range: Irrigation : 100mL to 1300mL $\pm$ 10%
• Pressure Setting: Irrigation: 10mmHg 1 step
• Flow Setting: Irrigation : 100mL 1 step
• Operating Modes: Irrigation & Suction
• Mode Filter: Disposable Cartridge Filter (0.2 micron)
• Tubing: Silicon Tubing Tube Specifications: Silicon tubing for Irrigation and Suction of 3Mtr
• Touch Control Panel: 5" LCD Screen with brightness control
• To be supplied with reusable Irrigation Tubing Set Certification - US FDA / European CE

Accessories:

- 1) Hysteroscopic scissor (5fr) 5 Such
- 2) Hysteroscopic grasper forceps (5fr) 5 Such
- 3) Hysteroscopic biopsy forceps (5fr) 5 Such
- 4) Resectoscopic cutting loop (5 fr) 2 such
- 5) Resectoscopic knife (collin's type) (5fr) – 2 such
- 6) Tubal canulation set – 2 such

All items should be from same OEM.

Physical demonstration of the quoted model is mandatory.

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