



Government of West Bengal
Department of Health & Family Welfare
Office of the Principal

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No. - MMC/1681

Date- 06.06.19

CORRIGENDUM

Ref No: **e -Tender Notice MMC/1580 dt.24.5.19**

As per decision taken on Pre-bid meeting dated on 3.6.19 following addition /Corrections /Changes have been made in the Bid Document of Medical Equipments and items.

Item NO	Name of the Item	<u>Addition/Correction /Changes</u>	Remarks.
1.	ECHO CARDIOGRAPHY	a) Monitor should have LCD/LED with touch screen. b) The machine should have with UPS -2KVA	Rest part will be remain unchanged.
5.	Lower GI Endoscoppe	a) In optical System 140 degree more wide angle lenses. b) Depth of field - Normal 3- 100mm Near 2-6 mm	Rest part will be remain unchanged
6	Upper GI Endoscoppe	a) Should have with Video processor with light source and Medical grade Monitor with UPS & Trolley. b) Outer diameter of insertion tube 9.2 to 9.8	Rest part will be remain unchanged

11	Laparoscope	3 Chip Camera System and Accessories, Recording System and Hand Instruments & Vassel sealing system	Rest part will be remain
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			unchanged
		2.Three Chip Endoscopy full HD intregated camera with recording: The Optical Lens should be between 18-28 mm to connect to Telescope	Rest part will be remain unchanged
		6.IMAGE MANAGEMENT SYSTEM Latest processor & 500 GB HDD & more, which should be specified	Rest part will be remain unchanged
		9. Telescope: HD	Rest part will be remain unchanged
		13.Veress Needle: Veress pneumoperitoneum needle with spring loaded blunt stylet with working length with luer lock. Size 80 to 150 mm- one each, size two each	Rest part will be remain unchanged
		14. Trocar and Cannula having automatic valve,for Ring Applicator, size: 7mm. Qty-02	Rest part will be remain unchanged
		15.Grasping Forcep Fenestrated: Atraumatic serration, fenestrated, grasping forcep with unipolar connection, insulated sheath, handle without ratchet. Should be dismantable into three parts namely, outer tube, handle and inserts. Length between 30-36cm, size: 5.0mm	Rest part will be remain unchanged
		16.Grasping Forcep Fenestrated curved: Atraumatic, fenestrated, curved grasping forcep with unipolar connection, insulated sheath, handle without ratchet. Should be dismantable into three parts namely, outer tube, handle and inserts. Length between 30-36cm, size: 5.0mm	Rest part will be remain unchanged

11	Laparoscope	17.Bowel Grasping Forcep: Bowel Grasper fenestrated, size: 5.0mm, length 30-36cm, handle with ratchet, insulated shaft.Dismountable into three parts.	Rest part will be remain unchanged
		18. Fan shaped retractor Rotating, size 5mm, length 30-36cm, dismantling facility - 2nos	Rest part will be remain unchanged
		19. Bipolar Forcep: Bipolar Grasping Forceps size: 5mm, robust type, take apart in nature that it can be dismountable into three parts, handle, insert grasper and working tube; with movable inner sheath and non-retracting jaws. Working length 30-36cm Handle should be spring type.	Rest part will be remain unchanged
		26. Unipolar curved Kelly dissecting and Grasping Forcep: Kelly curved dissecting and grasping forceps insulated, atraumatic, working length 30-36 cm, size: 5mm,dismountable into handle, insert and working tube. Handle without ratchet	Rest part will be remain unchanged
		28. Unipolar Tooth Grasping forcep: Tiger Jaw 2x4 teeth insulated. Dismantable into different parts, insert, handle and working tube, Working length of 30-36 cm, size: 5mm. Handle with ratchet.	Rest part will be remain unchanged
		29.Babcock Forcep: Oviduct forceps to hold the fallopian tube, purely atraumatic without serration. Working length 30-36 cm, size: 5mm, handle without ratchet.	Rest part will be remain unchanged
		30. Scissor curved Unipolar: METZENBAUM curved scissor, length of blade 12mm, connection for unipolar HF cable, dismountable into insert, tube and handle. Working length 30-36 cm, size: 5mm, handle without ratchet.	Rest part will be remain unchanged

11	Laparoscope	32. Qty-10	Rest part will be remain unchanged
		33.Qty-02	Rest part will be remain unchanged
		36.Claw Forcep: 10 mm claw forcep 2x3 teeth short with ratchet. With suitable length between 30-36cm, dismountable into handle, insert & outer tube.	Rest part will be remain unchanged
		37. Spoon Forcep: Retrieval of foreign body/stones forcep, size 10mm without ratchet. With suitable length between 30-36cm, dismountable into handle, insert & outer tube	Rest part will be remain unchanged
		39. Heavy Duty Roburst Bipolar Forcep length: between 30- 36cm, rotating dismantable, preferably wide jaw with spare insert and handle.	Rest part will be remain unchanged
		41. Ring applicator -6 mm diameter for 2nd puncture Qty-02.	Rest part will be remain unchanged
		42. Two Way Suction irrigation cannula, size: 5mm&10mm 2each with special handle with trumpet control for irrigation and suction with silicon tubing. Qty-04	Rest part will be remain unchanged
		46. Needle Holder: Macro needle holder with tungsten carbide insert, ergonomic pistol handle, with disengageable ratchet, jaw curved to left, size: 5mm, length : 30-36cm for use with suture material size: 0/0 to 7/0. Qty-02	Rest part will be remain unchanged
		47. Assistant needle holder 5mm diameter instrumentations with a working length of atleast 30-36 cms with tungsten carbide insert tips for straight and curved	Rest part will be remain unchanged

		needles. 2 for straight & curved needles with carbide insert tip Qty-02	
		48. HF Needle Electrode: High Frequency Needle for splitting and coagulation, insulated, with connection pin for unipolar coagulation, working length 30-36cm.	Rest part will be remain unchanged
12		<div>Vessel Sealing System</div> <div><div>Display7 segment LED</div><div>Dimension (wxhxd)290mmx105mmx260mm</div><div>Weight4kg</div><div>KeyboardFeathertouch</div><div>Input supply voltage230vac +15% @50/60hz</div><div>Seal :</div><div><div>ModeProgramsPowerLoadOperating Frequency</div><div><div>Soft99150W300 Ω1Mhz</div><div>Force99150W300 Ω1Mhz</div></div><div>Bipolar :</div><div><div>ModeProgramsPowerLoadOperating Frequency</div><div><div>Bi-coag99120W300 Ω1Mhz</div><div>Bi-cut99120W300 Ω1Mhz</div></div></div></div></div>	

13.	Hysteroscope Composite sheath may be considered	1. Operating and Contact-Hysteroscope Forward-Oblique Telescope	Rest part will be remain unchanged
		4mm 30 degree HD Telescope Qty-02	
		3.Passive working element (Unipoler 26/24 Fr. continues flow rotatable retreoscopy sheath)	Rest part will be remain unchanged
		7.Continuous flow Examination Sheath , inner size diameter 5-5.5 mm, & outer dia size 6.2-6.5mm to be used with 4mm telescope, with 1 LUER-Lock adaptor	Rest part will be remain unchanged
		8.Continuous Flow Operating Sheath, inner size 5-5.5mm,& outer size 6.02-6.5mm, with 5 Fr. channel for operating instruments, with 1 stopcock and 1 LUER-Lock adaptor	Rest part will be remain unchanged
		9. Scissors , blunt tips, 5 Fr., length 34 -40cm, single action jaws	Rest part will be remain unchanged
		10. Unipoler hook elector 5 Fr	Rest part will be remain unchanged
		11.Biopsy- and Grasping Forceps , 5 Fr. , length 34 -40cm, double action jaws	Rest part will be remain unchanged
		12.Needle Electrode , 5 Fr. Qty. - 02	Rest part will be remain unchanged
		13. Unipolar vaporisation electrode , 5 Fr.	Rest part will be remain unchanged
		14. Unipolar Frequency Cord	Rest part will be remain unchanged
		15.Loop Elec.,Angle ,4mm,30degree HD Telescope.Hysteroscopy pump. Qty-05.	Rest part will be remain unchanged

SPECIFICATION OF HIGH SPEED MICRO DEBRIDER MAIN CONSOLE & HAND PIECE (ENT)

MAIN CONSOLE:

1. Should be a versatile powered ENT Instrument, that lets to choose just power required for various ENT and Aesthetic related surgeries
2. The system should be suitable for wide variety of procedures ranging from Rhinology, other trans-nasal procedures Otolaryngology/ Neuro-otology/Nasopharyngeal/Laryngeal/ Tracheal/ Bronchial procedures
3. Should drive the hand piece for Adenoid specific application'
4. Should have in built user friendly interactive menu and illustrative help guide.
5. Should have large Touch screen monitor
6. The various parameters should be able to adjust either from touch screen panel or from the multifunction foot-switch
7. Should be able to connect multiple hand pieces at a time like debrider hand pieces (Up to 5000 rpm in oscillations mode 12000 rpm in forward mode), low speed Otolaryngology drills (Up to 16000rpm) and High-speed Otolaryngology drills (Up to 80000rpm)
8. Console should recognize the various hand pieces and automatically adjust the settings accordingly
9. Should have inbuilt pumps each for irrigation (5Cc/Min to 100Cc/Min) and cooling
10. Should have multifunction ergonomically designed foot control with light emission for easy identification'
11. Should be able to control Speed/ Mode, Forward/ Reverse toggle, Active hand piece change from the foot control itself
12. Should have option for remote control irrigation to operate from sterile area.
13. Should have in built Lens cleaning system'
14. Should have 0 Degree' 30Degree' 45Degree & 70 Degree endoscope sheath compatibility for Automatic lens cleaning system
15. Should have provision to connect facial nerve monitor with the otology drill.
16. Main Console should have an option to operate manual foot paddle from console itself in case the foot paddle are not working
17. Should have the provision to mount the console on various sizes of IV pole.

HAND PIECE:

1. Should be compatible with main console
2. Should be able to work up to the speed of 12000 RPM in forward rotation and 5000RPM in oscillation mode'
3. Should have fingertip control to rotate only the tip of the blade up to 360 deg.
4. Should have straight suction path to reduce clogging and allow efficient tissue removal.
5. Should have integrated blade locking System to lock the blade tip rotation,
6. Should have integrated side grooves and cable clips to provide better tubing management.
7. Should have Titanium body to avoid rusting
8. Should be light in weight and ergonomically designed'
9. Should be able to operate 120Degree curved blade for Maxillary Sinus Application.
10. Should be able to operate Diamond & Cutting burs for DCR Surgeries'
11. Should have provision to operate Inferior Turbinate blade for Turbinoplasty and Adenoid blade for Adenoidectomy
12. Should be compatible with Frontal Trephination System'

Utpal Jana
Indranath Karmakar
Anurag Saha

N.B.:- All items should be CE/ FD approved and in same manufacturer

Sd/-
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