



Tender Enquiry No. ADMIN/Tender/ENT_Instruments/1/2013
Corrigendum for ENT Instruments

S.No	Page no/ clause no	Existing parameter	Amendment
1	Pg 1 Clause 3	Close for Bidding – Submission of Tender 23.10.2013 15:00	Close for Bidding – Submission of Tender 26.10.2013 12:30 PM & Opening at same date 1:00 PM
2	Pg 5,6,7,8,9	FINANCIAL BID FOR SCHEDULE – A/B/C/D and Price Schedule for A.M.C and C.M.C	Delete from here and it is attached as annexure I, II, III
3	Pg 22 , clause 1 , Schedule B	Endoscopy set with FESS instruments with light Source & camera	Endoscopy set with FESS instruments
4	Pg 25 , Schedule B, Column 2	MICRODEBRIDER, consisting of main control unit with speed upto not less than 40000 rpm, inbuilt irrigation pump, forward & reverse cutting, Shaver hand piece with micromotor (speednot less than 40000 rpm), with integrated suction channel, mains cord, two-pedal footswitch, silicon tubing for irrigation. Handpiece, Suction shaver blades (straight cutting edge, rectangular/oblique cutting window, concave cutting edge, serrated cutting edge – 2 nos each), clip set and tubing set.	Delete from here & incorporated in separate schedule E
5	Pg 25,26 Schedule B, Column 3,	full high definition 3 chip camera system, High definition HD video medical grade monitor, xenon light source, xenon spare amp, fiber optic light cable, video trolley, sterilization tray, suitable autoclavable plastic tray & UPS .	Delete from here & incorporated in separate schedule F
6	Pg 27, Schedule B, clause 6	The core FESS..... System compatibility	To be deleted
7	New addition- Schedule E		Schedule E – Annexure I, microdebrider Pgs A, B, C
8	New Addition- Schedule F		Schedule F- Annexure II, Pgs A I, B I

SCHEDULE- E

MICRODEBRIDER

EMD - ₹ 30,000

Console

- Should be a versatile powered ENT system, that lets to choose just the power required for various ENT related surgeries.

- Should be able to operate different kinds of Hand pieces and (OPTIONAL)high speed

Drills, like debrider H/P, Mastoid drill & Stapes drill

- The debrider Hand piece should be able to operate in forward at speeds up to 12000 rpm and 5000 rpm in oscillating mode.

- Stapes drill should be able to operate up to 12000 rpm

- Mastoid drill should be able to operate up to 80000 rpm

- The debrider Hand piece should be capable of accepting various types of blades and burs.

- Should have inbuilt pump for cooling the High speed drill.

- Should be able to adjust the irrigation levels of bur or blade with the touch of a button.

- The system should have multi-function foot switch capable of operating in both ON/OFF mode and Accelerator mode.

- There should be provision to operate the system with an emergency switch in case of foot switch failure (OPTIONAL)

- The system should be user friendly and the parameters should be able to adjust from the control panel and the display should suggest operating parameters for a verity of ENT procedures.

- The system should be suitable for wide variety of procedures ranging from frontal sinusotomies to ultra –low speed oscillation for delicate airway cases.

Debrider Handpiece:

- Should be able work up to the speed of 12000 RPM in forward rotation and 5000RPM in oscillation mode.
 - Should have fingertip control to rotate only the tip of the blade up to 360 deg.
 - Should have straight suction path to reduce clogging and allow efficient tissue removal.
 - Should have integrated blade locking system to lock the blade tip rotation.
 - Should have integrated side grooves and cable clips to provide better tubing management.
 - Should have Titanium body to avoid rusting.
 - Should be light in weight and ergonomically designed.
 - Should have different varieties of debrider Blades like straight , Curved blades like 12, 40, 60, 120 degree etc.
 - Should have rota table laryngeal blades from 2.9 mm – 3.5 mm & 4 mm. Length from 18 cm, 22 cm. 22.5 cm, 27 cm & 27.5 cm.
 - Should have tonsillectomy and Adenoidectomy blades.
 - Should have rotatable subglottic, tracheal, bronchial blades.
1. The instruments quoted should be of high quality and standard.
 2. The Instruments should be imported and of CE or FDA certification.
 3. Copy of the CE certicate or FDA certfcate must be enclosed
 4. The instruments must be ISO certified and copy to be enclosed
 5. Sterilisation Container should be quoted along with Instrument set.
 6. Sterilisation Container and Instruments should be of the same parent company.
 7. It should also consist of tray and silicon matt (for microinstruments).
 8. The Sterilisation containers should offer superior filtration efficiency of 99.99997%
 9. It should have an indicator wherein colour green means the container is "sterile" and when the container is opened, the indicator should automatically change to red colour indicating "unsterile"
 10. The Sterilisation containers should meet international standards and approved for steam sterilisation procedures.

Annexure II

SCHEDULE- F

EMD- ₹ 45,000

Camera and Light Source

Full High Definition Three Chip Camera System:

1. Camera control unit with 3 chip HD camera head having HD CCD chip of same aspect ratio of 16:9
2. Pure Digital signal with high definition video(1920*1080 P)
with aspect ratio 16:9 with DVI-D, RGB, S-VHS video output.
3. Integrated Flexible Scope filter
4. Progressive scan technology
5. Brightness Control
6. Aperture Control
7. Automatic digital Image Enhancer
8. Should have integrated optical zoom lens 14-30mm, to increase and decrease the size of image which should remain in focusing zone, without readjusting the focus.
9. Should have Integrated Gain, shutter, Enhancement, white balance with brightness control.
10. Should have peripheral control on CCU for
11. Should have USB/Image Capture Module interface for direct storage of still & video sequences and to print the still images or complete external video recoding of medical grade should be provided.
12. The camera head should have integrated zoom and focus lens/rings to make it fully soakable.
13. Should be IEC 601-1, CE according to MDD.

High Resolution HDVideo medical grade Monitor:

24" or 26" High Definition Medical grade Monitor, resolution 1920 X 1200 with DVI, RGB, input,
option for wall mounting and desktop in same unit. Should have same aspect ratio of 16:9 or 16:10 of
the endoscopic HD camera system.

Fast response time:(5-12ms)

Number of colors:16.8 million

Luminance: 400cd / m2. Contrast ratio: 1000:1

Vertical/Horizontal Viewing Angle:178 degree

Xenon Light Source:

Xenon light source of 175 Watts

Should be able to produce color temperature of 6000 K

Should have continuous manual adjustment of light output.

Should have standby mode and automatic recovery of last setting of intensity of light.

Should be able to display lamp life in digital form and should give visual indication for replacement of xenon lamp in case of lamp life of 500 Hrs is over.

Should be certified IEC 601-1 and CE according to MDD.

Xenon spare lamp of 175 Watts suitable for Xenon light source**Fiber Optic Light Cable:**

Fiber Optic light cable of actual bundle size: 3.5-3.8mm, length : 250-275cm.

Video Trolley:

Suitable Medical Grade video trolley to be supplied for mounting 5 equipments having minimum three self in addition to with one drawer, with antistatic wheel casters, front lockable, high grade of electrical insulation and earth protection. 5 Ampere socket, 10Nos, inbuilt with trolley to connect all electronic devices. CO2 bottle stand should be integrated with trolley. Potential equalization connection to be provided at least 8 points. Preferably from OEM.

Sterilization/Disinfection Tray:

Disinfection/Sterilization tray with sieve tray to lift. Size: 27"x7"x5"(LxBxD)

Suitable Autoclavable plastic tray double tray for sterilization and storage for hand instruments of minimum 20 hand instruments preferably from OEM.**UPS :**

Suitable UPS with One hour backup time with SMF Batteries & Stand. Should be able to work on wide input range between 160-270 VAC at 50 frequency between 50Hz \pm 2Hz, Should use PWM technology with power conversion with single transformer arrangements with an output of 220VAC \pm 5%, protection of overload, short circuit and low battery. Should have indication on front panel for mains load/battery load/ battery overload-low and MCB protection in case of short circuit. ISI/CE approved good quality Indian make.

“ENT Instruments”
AIIMS, Raipur
FINANCIAL BID for SCHEDULE –A/B/C/D/E/F

S. No.		Item Description	Unit Price in INR		Custom duty in INR (if applicable)		Taxes (if applicable) VAT / Sales Tax/etc in INR		Service Tax (if applicable) in INR		Qty of units	Any Other Charges in INR if applicable (Specify)		Total in INR (Unit price x Quantity + Other Charges)		
			Figures	Words	Figures	Words	Figures	Words	Figures	Words		Figures	Words	Figures	Words	
		Equipment														
		Accessories														
CMC Total for Five Years after warranty period	Name of the instrument	1														
		2														
		3														
Grand Total*																

The grand total * will be the deciding factor for L1 provided all the other conditions mentioned in the tender document (GCC, SCC and the technical conditions) are fulfilled. Total CMC of 5 years of each instrument, which is costing 5 lakhs or more, will also be a part of grand total to decide L1. (AMC value should not be mentioned here)

DATE:

SIGNATURE

NAME

SEAL

PRICE SCHEDULE FOR COMPERHENSIVE MAINTENANCE CONTRACT**(C.M.C.)****AFTER EXPIRY OF WARRANTY****(RATES SHOULD BE QUOTED IN INDIAN RUPEES ONLY)**

S. No.	SME Code No.	Name of the Equipment	For Sixth year with spare parts & labour	For Seventh year with spare parts & labour	For Eighth year with spare parts & labour	For Ninth year with spare parts & labour	For Tenth year with spare parts & labour
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)

PRICE SCHEDULE FOR ANNUAL MAINTENANCE CONTRACT
(A.M.C.)
AFTER EXPIRY OF WARRANTY
(RATES SHOULD BE QUOTED IN INDIAN RUPEES ONLY)

S. No.	SME Code No.	Name of the Equipment	For Sixth year with spare parts & labour	For Seventh year with spare parts & labour	For Eighth year with spare parts & labour	For Ninth year with spare parts & labour	For Tenth year with spare parts & labour
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)