



Government of West Bengal
Office of the Chief Medical Officer of Health
North 24 Parganas, Barasat, Kolkata-700124
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Memo No.DH&FWS/NHM/2019/133

Date:25.01.2019

CORRIGENDUM

This is for information of all concerned that as decided in the pre-bid meeting held on 24.01.2019 at 11:00 a.m. In connection with the e-tender for supply and installation of ENT Endoscope Machine for Salt lake SDH, North 24 Parganas issued vide NIT No. DH&FWS/NHM/2019/ENT-60 dated, 14.01.2019, there are some suggested changes as regard to the specification of the machine which has been duly uploaded in the tender portal i.e. www.wbtenders.gov.in.


for 
Chief Medical Officer of Health
North 24 Parganas

Memo No.DH&FWS/NHM/2019/133

Date: 25.01.2019

Copy forwarded for information & necessary action to:

1. The Director of Health Services, Govt. of West Bengal.
2. The Deputy DHS (H.A.), Swasthya Bhawan, Govt. of West Bengal.
3. The Deputy DHS (Admn.), Swasthya Bhawan, Govt. of West Bengal.
4. The District Magistrate, North 24 Parganas.
5. The Dy.CMOH-I/II/III, DMCHO, ZLO, DTO, North 24 Parganas.
6. The DPHNO, North 24 Parganas.
7. The Superintendent, Salt Lake SDH, North 24 Parganas.
8. The Accounts Officer, O/o the CMOH, North 24 Parganas.
9. The BME, O/o the CMOH, North 24 Parganas
10. The DAM, O/o the CMOH, North 24 Parganas.
11. The Administrative Officer, O/o the CMOH, North 24 Parganas.
12. The DIO, North 24 Parganas with the request to upload this notice in the official website of North 24 Parganas district.
13. The IT Co-ordinator, IT Cell, Swasthya Bhawan, Kol, with the request to upload this notice in the official website Swasthya Bhawan.
14. The Dealing Assistant (tender), O/o the CMOH, North 24 Parganas
15. Notice Board.
16. Office Copy.


Chief Medical Officer of Health
North 24 Parganas

SPECIFICATIONS FOR FUNCTIONAL ENDOSCOPIC SINUS SURGERY SET

1. Nasal Rigid Endoscope.-One
Straight forward telescope, 0 degree enlarged view, size:4.0MM, rod lenses system, length:18-19 cms, Autoclavable, Fiber Optic light transmission incorporated.

2. Nasal rigid Endoscope.- One
Wide Angle lateral Telescope 70 degree, enlarged view, size:4.0 MM, rod lenses system, length:18-19 cms, Autoclavable, Fiber Optic light transmission incorporated.

Bipolar Coagulating Forceps, insulated, angular, blunt, for nose, with integrated suction channel for epistaxis, with cut-off hole, length 19 cm, for use with bipolar high frequency cord.

Bipolar Suction-Forceps, 45-upturned, with suction channel, for bipolar coagulation in paranasal areas, working length 12.5 cm, for use with bipolar high frequency cable.

Bipolar High Frequency cord, Length 40cm.

Sickle knife, pointed, length 19cm

Antrum Curette, length 19cm, oblong, small size.

KUHN-BOIGER Frontal Sinus Curette small oblong, forward cutting, length 19cm, 90-curved.

Antrum Curette, Length 19cm, small size, forward cutting.

Probe, double-ended, maxillary sinus ostium seeker, Length 19cm, ball sizes: diameter 1.2 mm and 2.0mm.

BLAKESLEY-WILDE Nasal Forceps, 90-upturned, working length 13cm, size1

BLAKESLEY Nasal Forceps,45-upturned, size1, working length 13cm

BLAKESLEY Nasal Forceps, straight, working length 13cm, size1

Nasal scissors, working length 13cm, straight.

Foreceps, cupped jaws, vertical opening, working length 12 cm, 65-upturned, jaws diameter 3mm.

Foreceps, cupped jaws, horizontal opening, working length 12 cm, 65-upturned, jaws diameter 3mm.

Biopsy and Grasping Foreceps, very fine, sheath diameter; 1.5 mm, working length:14cm, with 3mm oval cupped jaws.

Antrum Punch, working length 10 cm, left side downward and forward cutting.

Antrum Punch, working length 10 cm, right side downward and forward cutting.

Antrum Punch, working length 10cm, left side backward cutting.

Antrum Punch, working length 10cm, right side backward cutting.

Antrum Punch, backward cutting, sheath 360 degree rotatable, with fixing screw, working length 10 cm, take apart sheath, for use with cleaning adaptor.

Biopsy and grasping Forceps, vertical opening, distal and malleable, with 4 mm cupped jaws, for sinoscopy to be used through trocar, working length 18 cm.

Bipolar suction forceps.

Bipolar High Frequency cord, with two 2 mm cable sockets for bipolar coagulating forceps and standards pin for connection to all current bipolar cables, length 40 cm.

ALL THE ITEMS SHOULD BE FROM THE SAME COMPANY AND SHOULD BE USFDA APPROVED.

Specifications for Visualisation System Capable of 2D/3D Full High Definition Camera With Recording System

The system should be truly Digital HDTV endoscopic video camera. The system should have the maximum Resolution of 1920 X 1080 pixels, progressive scan and the consistent use of 16: 9 formats for Input & Output to guarantee genuine HDTV.

The system should have Special Features:

- **Visibly Improved Imaging:** CCD sensing chip should optimizes image quality & Digital Source Sampling thus maximizing hi-fidelity image transmission.
- **Optimizes to Any Size:** The system should have Optical Zoom with 2x parfocal zoom lens to enhance the quality of Image size & cross specialty standardization of the camera system, regardless of the telescope used.
- **Plug and Go:** The system should automatically optimize all settings. The system should be ready- to- use as soon as it is connected to the camera control unit.
- **Color Spectrum:** Compatible with systems with integrated, innovative visualization technology for surgery/ Video endoscopy by shifting the color spectrum and via homogeneous illumination and contrast enhancement.
- **USB Port for Capturing FULL HD Videos/ HDStill Pictures:** Captured digital images in format 16:9 can be displayed on WideView monitors in the same full HD format without being converted. This prevents a loss of image quality caused by image stretching.

- Integrated digital imaging processing module for a 5 level brightness regulation and 2 electronic anti-moirée filter for fiberscopes.
- Parallel live display of visualization modes besides white light mode (picture-in-picture).
- Up to three different camera modules can be connected to the FULL HD video processor module.
- Side-by-side live display of visualization mode next to white light image (picture-in-picture).
- Integrated picture-in-picture mode of two different camera modules in five different display sizes available.
- Primary and secondary signal source change in picture-in-picture mode can be performed easily via camera head button.
- In combination with a compatible three-chip FULL HD camera head the following modes can be activated without special light sources or filters:
 - Color inversion by spectral color shift.
 - Brightening of dark areas in the endoscopic image.
 - Dynamic contrast enhancement.

- Changes in visualization modes, device control, digital zoom, brightness, video capture, still image capture and direct print orders, picture-in-picture mode, image direction, white balance and setup settings can be performed in sterile area via camera head buttons.
 - Backward compatible with selected existing three-chip FULL HD camera heads.
 - Short learning curve due to familiar handling, short starting time and customizable parameter adjustment.
 - Grid and pointer can be displayed for improved orientation and communication during surgery.
 - Grid and pointer can be displayed individually and together.
 - 2 x digital zoom, adjustable in 5 levels.
 - Possibility of 180° image rotation.
 - Possibility of vertical and horizontal image mirroring.
 - Storage of up to 20 individual presets.
 - Storage of up to 20 individual patient data.
 - System overview is individually configurable and setup status can be directly displayed with intelligent icons.
 - Parameter setup can be adjusted during surgery.
 - Number of menu icons can be customized individually for optimal system adjustment for the user.
- **Modular design: Digital FULL HD camera module should be compatible for use with video flexible chip on tip endoscopes.**

Camera system should be compatible with Communication Bus system for remote controlled operation of the various features of the camera along with other equipment like digital light source and Insufflator.

Technical Specifications:

Image sensor:	3X1/3" CCD-Chip.
Pixels	1920 x 1080
AGC:	Microprocessor controlled
Lens: (optical zoom)	Integrated Zoom Lens f = 15-31 mm (2x)
Minimum light sensitivity:	1.17 Lux (f = 1.4 mm).
Control buttons:	3 (2 of them freely programmable).

Video output: 2 x DVI-D output, 1 x 3G-SDI output, 3 x camera input for communication with compatible camera modules, LAN connection, 4 x USB connection (2 x front, 2 x back).

Input: Keyboard input for character generator, 5-pole DIN socket.

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

HDTV 16: 9 widescreen Monitor LED- 26/27 Inches

The monitor should have:

HDTV display in original 16: 9 HDTV format.
1080 p/ 50 & 1080 p/60 displays possible.
LED crystal display.
Max. Resolution of 1920X1080.
Screen diagonal – 26" / 27"
Desk top with pedestal,
Should have the facility of PIP mode.

Specifications

HD TFT Flat Screen Monitor with stand size 26",
Aspect Ratio 16:9 HD format
Brightness : 500 cd/m²
Maximum viewing angle : 178° vertical
Contrast ratio: 1400 : 1
Reaction Time – 8ms
Rated power : 115 watts
Power Supply 100-240 VAC
Screen Dimensions : 643 x 396 x 87mm

Video Inputs : 2* DVI-D , 2* 3G SDI, 1* S Video , Composite 1* RGB/VGA , 1* RS 232 , 1* RJ 45 Interface.

Output: 1* DVI , 1* 3G SDI, 1* S-Video

Accessories External 24VDC Power Supply, Mains Cord, Pedestal
Certified to : EN 60601-1, protection class IPX 1

LED LIGHT SOURCE

Cold Light LED Light Source 175Watts, high-performance LED and one light outlet,
power supply 110 - 240 VAC, 50/60 Hz consisting of: LED 175, Mains Cord ,
Connecting Cable for integration with touch controlled or remote controlled OR System,
length 100 cm

THE LIGHT INTENSITY CAN BE CONTROLLED FROM THE CAMERA HEAD

Fibre Optic Light Cable.

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Thickness 4.5mm TO 5 mm Length 300 cm.

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