

**North Eastern Indira Gandhi Regional Institute of Health and Medical Sciences**  
(An Autonomous Institute, Ministry of Health and Family Welfare, Government of India)  
Director's Block, Mawdiangdiang, Shillong 793 018 (Meghalaya)

Tender Amendment No: NEIGR/S&P/05/03/2019 -20

Dated: 09.03.2020

**e -TENDER CORRIGENDUM**

Reference Tender Enquiry No: NEIGR/S&P/OT/E -56/2019-20 for for processing of ENT Treatment Unit with all accessories against buy back of old /obsolete existing & unserviceable ENT Treatment Unit (Make: Atmos, Germany; Year: 2008) for department of ENT.

The following amendment /addendum are hereby being considered against the technical specification of the system:-

Technical Specification	May be Read as
Durable steel casing, non-rusting, long lasting	Casing made of combination of durable steel & polyurethane /Wood, non-rusting, long lasting. Any damage to the casing /platform related to rusting/water seepage/termite, the casing panel must be changed as FOC throughout the warranty & CMC period.
Separate stainless steel tank to prevent mineral build up and heat up to 38 degree temperature.	Deleted
Compressor unit should be completely separate from suction unit	Compressor unit should be completely separate from suction unit & both must be noiseless and vibration free units.
Inbuilt motor suction unit with capacity of > 35 (greater than 35) liters per minute or more with maximum 92% vacuum with suction regulator	Inbuilt motor suction unit with capacity of > 50 (greater than 50) liters per minute or more with maximum 92% vacuum with suction regulator
Should have a vacuum gauge, bacterial filters, 1.5 liters liquid container and effective device to prevent overflow.	Should have a vacuum gauge, reusable bacterial filters, 1.5 liters liquid container and effective device to prevent overflow.
Suction tube cleaner with exchangeable re-usable adapter	Suction tube cleaner with exchangeable re-usable adapter/Small Basin with irrigation for cleaning suction tubes.
X-ray viewer is to be supplied (Optional)	Integrated x ray viewer must be supplied along with the system with a facility of dimming control & switch on /off .
Provision for attachment of microscope which should be integrated with the workstation	Microscope system with detailed specification mentioned below should be integrated with the workstation
Should have inbuilt cabinet with at least 1 storage drawer with waste container	Should have inbuilt cabinet with at least 2 storage drawer with waste container
Head light with fibre-optic cable to be used with above light source for examination with auto on/off on lifting rest	Separate standalone Headlight with adjustable headband for examination with on/off control and battery backup.
Integrated Mono and Bipolar cautery system with all reusable cables & probes /forceps.	100 w Integrated Mono and Bipolar HF ESU system supplied with i) Reusable cables & probes & patient plate -2 sets ii) Unipolar Nasal Electrode ball tip-2nos iii) Unipolar Nasal Electrode needle tip-2 nos iv) Bipolar Coagulation Forcep, Insulated -2 no v) Unipolar loop electrode -2 nos vi) Monopolar knife electrode -2nos
Should have complete rotation 360 degree with locking device	Should have complete rotation minimum 350 degree with locking device.
The monitor should be Medical grade 19" or more mounted on the ENT workstation on a swivel arm and column	The monitor should be Medical grade 23" or more mounted on the ENT workstation on a swivel arm and column.
Display and recording system: <ul style="list-style-type: none"> <li>• Full HD resolution Camera with high speed shutter, multilingual menu and camera head with buttons and 3mts cable.</li> <li>• Immersible head with at least one each of the following video outputs in the CCU.</li> <li>• DVI-D or HDMI video signal S-Video signal Composite Video output signal Automatic white balance function, Digital zoom, freeze function</li> <li>• The Camera head should have 2 programmable buttons for managing all functions of the camera.</li> <li>• Power supply: 220-240 volts/50Hz</li> <li>• The Camera and monitor should comply and certified for BIS/IS/ISO13485/DCGI issued from a notified body</li> <li>• The monitors should be Full HD, Medical grade and should be connected with the camera via Full HD- DVI/ HDMI Signal.</li> <li>• The monitor should be Medical grade 19" or more</li> </ul>	The Full HD Camera ,CCU & recording & monitoring system must be compact & integrated unit with the entire workstation with following specification <ol style="list-style-type: none"> <li>1. Full HD C-Mos chip technology with the high resolution of 1920 x 1080 Pixles or better.</li> <li>2. The CCU must having minimum two video output facility (HDMI/DVID/S Video and capable of additional camera input from Microscope &amp; endoscope with a user friendly software.</li> <li>3. The monitor should be Medical grade 23" or more mounted on the ENT workstation on a swivel arm and column.</li> <li>4. The Integrated video recording system must have a inbuilt memory of minimum 1 TB &amp; able to control by mouse/Touchscreen.</li> <li>5. The system should be able to record HD/SD videos in AVI/MPEG4 or equivalent with playback option.</li> <li>6. Patient report customization for Hospital/ Department Data saving facility into USB and Internal Memory must be available.</li> <li>7. The database of the patient can also be enter, edit &amp; saved via touch screen /keyboard provided along with the recording system. The system should be able to Capture, Crop and save and print the patient data by patient unique ID/Name directly in the workstation .</li> <li>8. 1 no additional Intel i7 processor based latest generation desktop</li> </ol>

	<p>mounted on the ENT workstation on a swivel arm and column</p> <p>Following items are to be provided:-</p> <ul style="list-style-type: none"> <li>The recording system should include a software and latest hardware for use during endoscopy and Microscopy.</li> <li>The system should be able to Capture, Crop and save HD/SD images in BMP or JPEG or equivalent format The system should be able to record HD/SD videos in AVI/MPEG4 or equivalent with playback option.</li> <li>Patient report customization for Hospital/ Department Data saving into USB and Internal Memory.</li> </ul> <p><b>HARDWARE:</b></p> <ul style="list-style-type: none"> <li>Intel i5 Processor or above</li> <li>Windows 10 operating system or above</li> <li>Storage of 1 TB or more for Volume storage.</li> <li>RAM :4GB or more</li> <li>CD/DVD writer, USB Port: 2 nos or More,</li> <li>Power supply: 220-240 volts/50Hz</li> <li>A 3KVA Online UPS with at least 15 minutes battery backup must be provided for the entire workstation.</li> </ul> <p><b>SOFTWARE:</b></p> <ul style="list-style-type: none"> <li>1 no. Acoustic analysis/Recording of the voice signal (Multi-Dimensional Voice Profile (MDVP) voice software, archiving and recording the voice, and taking report.</li> <li>Laser Colour Printer Duplex, wireless connectivity.</li> </ul>	<p>computer with stand and other accessories and Acoustic analysis/Recording of the voice signal (Multi-Dimensional Voice Profile (MDVP) voice software, archiving and recording the voice, and taking report.</p> <p>Laser ColourPrinter , wireless connectivity.</p> <p>9. Necessary UPS for Back up minimum 20 mins has to provide along with the system</p>
<b>Additional points</b>		
System & Software should be HL7 & DICOM Compliant		
All electrical, Plumbing required to install the system must be in the scope of bidder.		
System must be Complied to run with the domestic electrical supply i.e. 230v AC -50 Hz.		
<b>The bidder must quote all items as per BOQ &amp; compliance report must indicate the quoted Item with model /catalogue no &amp; the bidder has to clearly submit the scope of supply items with detail description in the technical bid with quantity, failing which the <u>technical bid not be considered for evaluation.</u></b>		
<b><u>Standards, Safety and Training</u></b>		
	1. System Should be FDA/CE/UL/ BIS /CDSCO /DCFI/ISO 13485 approved product.	
	3. Comprehensive training for users and support services till familiarity with the system.	
	4. Electrical safety conforms to standards for electrical safety IEC standards (Or equivalent International / National standard) general requirement for Electrical safety of Medical equipment.	
	5. The equipment complies with the requirement of the Medical Device Directive of class I equipment and Electromagnetic compatibility; all supporting documents must be provided.	
<b><u>3. Documentation:</u></b>		
	1. User / Technical / Maintenance manuals to be supplied in English.	
	2. Log book with instructions for daily, weekly, monthly and quarterly maintenance checklist. The job description of the hospital technician and company service engineer should be clearly spelt out.	
	3. Cost of spare parts, consumables and accessories(Electrodes,Battery,Filters ) which are not covered under warranty & CMC period has to quote in schedule XI as percentage value in the Technical BidList of consumables with price frozen for 10 years , or else will be consider to be cover throughout the warranty & CMC period.	
	4. Calibration and routine Preventive Maintenance Support as per manufacturer documentation in service / technical manual has to be done throughout the warranty & CMC period.	

	5. Compliance report to be submitted in a tabulated and point wise manner clearly mentioning the page / Para number of original catalogue / data sheet and the offer details has to submit in the technical bid. Any point, if not substantiated with authenticated catalogue / manual, will not be considered.
	6. All the technical specifications accepted in the compliance statement must be supported by Original Literature from the firm/O.E.M with Highlighting, Numbering & flagging in the compliance statement.
<b>4. Environmental factors:</b>	
	1. Shall meet IEC-60601-1-2:2001 (Or Equivalent BIS) General Requirements of safety for Electromagnetic Compatibility or should comply with 89/366/ECC; EMC-Directive.
	2. The unit shall be capable of operating continuously in ambient temperature of 30-40 deg C and relative humidity of 15- 90 % .
	3. The unit shall be capable of being stored continuously in ambient temperature of 10-40 deg C and relative humidity of 15 – 90 %
<b>5. Warranty and Maintenance</b>	
	1. Warranty for 5 years followed by CMC for 5 years including Spares & service.
	2. Mandatory 2 PMs / Year with unlimited breakdown calls has to be attended by the bidder/manufacturer throughout the warranty & CMC period at site.i.e. NEIGRIHMS, SHILLONG.
	3. Duly signed Mandatory PM reports has to be submitted periodically, falling which necessary action will be initiated as per term& condition of the tender.

All other terms and conditions remains the same.

For further details regarding amendment, addendum, extension and downloading of documents, please visit website: [www.eprocure.gov.in](http://www.eprocure.gov.in) /[www.neigrihms.gov.in](http://www.neigrihms.gov.in); Tel/Fax: 0364-2538032; E-mail: [storeneigrihms@gmail.com](mailto:storeneigrihms@gmail.com).

Sd/-  
Stores & Procurement Officer,  
For and on behalf of Director, NEIGRIHMS