



**Purchase & Store Section,  
Liaquat University of Medical & Health Sciences, Jamshoro.**

**Tender opened: 18-01-2024**

**SPPRA NIT ID# T01904-21-0044**

**NIT: LUMHS/PSS/-3005 Dated: 21-12-2023**

**Technical Comparative Statement of Procurement of Specular Microscope for LUMHS Ophthalmic Research Diagnostic Lab, Institute of Ophthalmology, LUMHSJamshoro**

Sr. No.	Description of required Items	M/s Jasani Scientifics Hyderabad	M/s Links Communication System Karachi	M/s Latif Brothers Karachi	Remarks
1.	<p><b>Specular Microscope</b></p> <ul style="list-style-type: none"> <li>• Corneal endothelium Photography with capturing central, Paracentral, Nasal, Temporal lower upper &amp; peripheral.</li> <li>• Pachymetry Measurement, Measurement range, 400-800 μ or more with accuracy±10μm</li> <li>• Analysis values with Maximum &amp; Minimum cell size.</li> <li>• Histogram with auto pleomorphism &amp; Polymegathism analysis.</li> <li>• Stroke of moving section with measurement unit (Z,X,Y axis) and chin rest.</li> <li>• Optical Cornea thickness.</li> <li>• Color report including graphs &amp; photo of analyzed region.</li> <li>• Interface with LAN, USB-A, USB-B.</li> <li>• Thermal Line Printer.</li> <li>• Color LCD touch screen display</li> <li>• Complete imported electric stand.</li> <li>• UPS with double Battery (power 1520, VDS 24V)</li> <li>• Country Origin USA, Japan, Germany, Switzerland, Brazil. Warranty 02 Years</li> </ul>	<p>Specular Microscope Model: CEM-530 Manufacturer: NIDEK Co., LTD CEM provides non-contact high magnification image capture of endothelium enabling observation of the size and shape of cells such as numbers of endothelial cells, cell density and cell area is analyzed through the capture images, Pachymetry Measurement range: 300 to 1,000 μm accuracy: ±10μm Analysis values with maximum &amp; Minimum cell size, Corresponding histogram is displayed by the corresponding color as pleomorphism or polymegathism, Stroke of moving section with measurement unit (x-y-z) and chin rest. The corneal thickness optically measured in a non-contact method, Color report including graphs &amp; Photo of analyzed region LAN, USB, Video output (BN Connector for video Printer) Built in thermal line printer external video printer (optional) Tilt able 8.4-inch color LCD touch screen We will provide Chinese motorized stand We will provide UPS with double battery Country origin Japan with two Years Warranty</p>	<p>APRAMED CE MARKED Capture regions Central, temporal, Nasal Upper &amp; Lower Pachymetry Measurement Range not show in brosher Age versus density analysis, Overlay of the color of cells adjustable, 5 Capture regions) Patients data base, manual shot, select the best regions to analysis, auto counting, auto pleomorphism analysis, flash intensity, optical cornea thickness Computer with 500GB HD, 4GB Ram intel processor Manual chinrest adjusts, comfortable flash during, color report including graphs and photos of the analyzed region graphs of Pleomorphism, and age x normative density Hardware Voltage: AC110V~230V Frequency: 50/60Hz, Power: 300VA Weight: 25KG, Fuses: 2 Unit. 250V/2A Along with computer &amp; LED, software, imported electric motorized stand online UPS with 1 hour backup CE Marked Country Origin Brazil APRAMED Warranty 02 Years</p>	<p>Rexxame specular Microscope Modle SPM-700 3D full automatic mode color LCD screen built-in printer &amp; standard Accessories Japan make Features Easy operation Rotatable 10.4 inch monitor with touch panel Easy alignment 3D full automatic mode, auto mode, manual mode Multi measuring points centre1, paracentral x6, peripheralx10 Photography range 0.25x0.55 (WxH) Central 1 point Capturing position paracentral 6 points (5' visual angle: 2,4,6,8,10 and 12' O clock positions) 10 points (27" visual angle 1,2,4,5,6,7,8,10,11 and 12 O' clock positions) Measurement range: 400-750μm (display unit:1μm Accuracy ±10μm, N (cell number yes, CD(cell Density) yes SD (standard deviation of cell area) yes, CV coefficient of variation cell area) yes, Max(maximum cell size) yes, Min (minimum cell size) Yes, 6A Yes, Polymegathism rea Yes, Pleomorphism area Yes, easurement Unit Z:40mm, X:86mm, Y: 40mm Chin rest 60mm, Display 10.4 inch color LCD Touch Screen, Printer thermal line Printer, Interface LANx1, USB,-Ax2, USB-Bx1 with 2 Years Warranty</p>	<p>M/s Jasani Scientific Hyderabad quoted &amp; Accepted as per specification M/s Links Communication Karachi quoted as per specification manual system &amp; Pachymetry Measurement Range not show in brochers is rejected, M/s Latif Brother Karachi is quoted low specification &amp; Rejected</p>

Technical Evaluation Committee

**Dr. Maria Nazish Memon,**  
Associate Prof. Institute of Ophthalmology  
LUMHS, Jamshoro (Member)

**Tariq Ahmed Shaikh,**  
Deputy Director, Biomedical Engineering  
Department, DUHS Karachi (EXT. Member)

**Prof. Arshad Ali Lodhi**  
Director, Institute of Ophthalmology  
LUMHS, Jamshoro (Convener)



**LUMHS/PSS/ 3005 Dated: 21-12-2023**

**SPPRA NIT ID# T01904-21-0044**

Method and Procedure of Procurement: National Competitive Bidding (Single Stage- One Envelope

**MINUTES OF MEETING TECHNICAL EVALUATION**

The Meeting of Technical Committee regarding technical evaluation bids of Procurement of Specular Microscope for LUMHS Ophthalmic Research Diagnostic Lab, Institute of Ophthalmology, LUMHS Jamshoro. was held on 27<sup>th</sup> February 2024, at 11:30 am in the Office of the Director Institute of Ophthalmology, LUMHS, Jamshoro.

The following officers attended the meeting.

- |  |                     |
|--|---------------------|
| <b>1. Prof. Arshad Ali lodhi,</b><br>Director, Institute of Ophthalmology,<br>LUMHS, Jamshoro.               | <b>Convener,</b>    |
| <b>2. Tariq Ahmed Shaikh,</b><br>Deputy Director Biomedical<br>Dow University of Health Sciences,<br>Karachi | <b>Ext. Member,</b> |
| <b>3. Dr. Maria Nazish Memon,</b><br>Associate Prof. Institute of Ophthalmology<br>LUMHS Jamshoro            | <b>Member,</b>      |

The Meeting started with the name of Almighty Allah. The following firms Participated.

- 1 M/s Jasani Scientifics Hyderabad
- 2 M/s Links Communication System Karachi
- 3 M/s Latif Brothers Karachi.

The following firm secured more than 70% score and were technically qualified as per Specification & Criteria.


- 1 M/s Jasani Scientifics Hyderabad

M/s Jasani Scientific Hyderabad, has Quoted Items Sr. No. 1 quoted & accepted as per Specification.


The following firms secured less than 70% score and were technically disqualified as per low specification & Criteria

The M/s Links Communication System Karachi & M/s Latif Brothers Karachi are secured less than 70% score and were technically disqualified as per low specification & Criteria.

In the end the Convener of Evaluation Committee thanked all members for attending the meeting.  
Technical Evaluation Committee


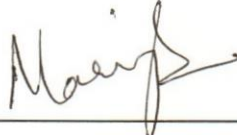
  
**Dr. Maria Nazish Memon,**  
Associate Professors, Institute of Ophthalmology  
LUMHS, Jamshoro (Member)

  
**Tariq Ahmed Shaikh,**  
Deputy Director Biomedical DUHS Karachi (Ext. Member)

  
**Prof. Arshad Ali Lodhi**  
Director, Institute of Ophthalmology  
LUMHS Jamshoro (Convener)

Procurement of Specular  
Microscope for LUMHS  
Ophthalmic Research Diagnostic  
Lab, Institute of Ophthalmology,  
LUMHSJamshoro.

Attendance Sheet of the tender for Technical Evaluation, Vide NIT LUMHS/PSS/- 3005, Dated: 21-12-2023 on 27-02-2024 at 11:30 AM for Technical Evaluation Committee, regarding tender, Procurement of Specular Microscope for LUMHS Ophthalmic Research Diagnostic Lab, Institute of Ophthalmology, LUMHSJamshoro, LUMHSJamshoro in the office of the Director, Institute of Ophthalmology, LUMHS, Jamshoro.

<u>SR. NO.</u>	<u>DESIGNATIONS OF OFFICER</u>	<u>NOMINATED</u>	<u>SIGNATURE</u>
•	<b>Prof. Arshad Ali Iodhi</b> Director Institute of ophthalmology LUMHS, Jamshoro	<b>Convener</b>	
•	<b>Dr. Maria Nazish Memon,</b> Associate Professors, Institute of Ophthalmology LUMHS, Jamshoro	<b>Member</b>	
•	<b>Mr. Tariq Ahmed Shaikh,</b> Deputy Director Biomedical Dow University of Health Sciences, Karachi	<b>Ext. Member,</b>	