



UNIVERSITAS NAHDLATUL ULAMA SURABAYA

FAKULTAS KEDOKTERAN

Kampus A Wonokromo : Jl. SMEA NO.57 Tlp. (031) 8291920, 8284508, Fax. (031) 8298582 – Surabaya 60243
Kampus B RSI Jemursari : Jl. Jemursari No. 51-57 Tlp. (031) 8479070 Fax. (031) 8433670 - Surabaya 60237
Website : fk.unusa.ac.id , Email : fk@unusa.ac.id

Surabaya, 28 Februari 2023

Nomor : 38/UNUSA-FK/Adm-I/RKT/II/2023
Lampiran : 1 (Satu) Berkas
Perihal : Permohonan Pengadaan Mikroskop Trinokuler

Kepada Yth.
Wakil Rektor II Universitas Nahdlatul Ulama Surabaya
Jl. Jemursari No. 51-57
Surabaya

Assalamu'alaikum Wr. Wb.


Puji syukur kami panjatkan ke hadirat Allah SWT atas limpahan rahmat dan karunia-Nya, shalawat dan salam senantiasa tercurahkan kepada Rasulullah SAW, semoga Bapak selalu dalam keadaan sehat wal'afiat. Amin.

Sehubungan dengan masuk nomor 41/UNUSA-FK/Adm-Lab.Terpadu.I/II/2023 tentang Pengajuan Mikroskop Trinokuler Departemen Histologi untuk praktikum mata kuliah Praktikum Histologi di Laboratorium Terpadu 1 FK UNUSA, dengan ini kami mengajukan permohonan pengadaan Mikroskop Trinokuler untuk praktikum tersebut. Adapun keterangan lengkap terlampir.

Demikian surat permohonan ini kami sampaikan, atas perhatiannya kami sampaikan terimakasih.

Wassalamu'alaikum Wr. Wb.

*Dekan Fakultas Kedokteran



UNUSA
FAKULTAS KEDOKTERAN
Dr. Handayani, dr., M.Kes

Tembusan Yth. :

1. Direktur Keuangan;
2. Unit Layanan Pengadaan;
3. Arsip.



Surabaya, 14 Februari 2023

Nomor : 41/UNUSA-FK/Adm-Lab.Terpadu.I/II/2023
Lampiran : 1 Bandel
Perihal : Pengajuan Pengadaan Mikroskop Trinokuler Departemen Histologi
Laboratorium Terpadu Fakultas Kedokteran

Kepada Yth. :
Dekan Fakultas Kedokteran
Di -
Tempat

Assalamu'allaikum Wr. Wb.,

Puji syukur kami panjatkan ke hadirat Allah SWT atas limpahan rahmat dan karunia-Nya, shalawat dan salam senantiasa tercurah kepada Rasulullah SAW, semoga Ibu selalu dalam keadaan sehat wal'afiat.

Sehubungan dengan adanya kebutuhan alat mikroskop trinokuler untuk Praktikum Histologi di Laboratorium Terpadu 1, Fakultas Kedokteran, maka dengan ini kami mengajukan alat Praktikum tersebut, Adapun penawaran yang sudah kami terima, antara lain :

NO	DESCRIPTION	BRAND	QTY	UNIT PRICE	PPN	KETERANGAN
1	Trinocular Microscope, Model : Eclipse Si	Nikon	1	Rp. 84.000.000,-	Include	PT. New Module International
2	Trinocular Microscope, Model : Eclipse Si	Nikon	1	Rp. 127.650.000,-	Include	CV. Wiratama Surya Pacifik
3	Trinocular Microscope, Model : Eclipse Si	Nikon	1	Rp. 120.225.000,-	Include	PT. Sandi Karya Wiguna

Demikian surat permohonan ini kami sampaikan, atas perhatian dan kebijaksanaannya kami ucapkan terima kasih.

Wassalamu'allaikum Wr. Wb.

Hormat Kami,






Kepala Bagian Laboratorium FK
Universitas Nahdlatul Ulama Surabaya

Dwi Lestari Pertiwi, SST., M.Si
NPP: 15101031

Tembusan :

1. Wadek 2 FK;
2. Ka.Prodi S1 Pend. Dokter;
3. Arsip.

Lampiran Surat No : 41/UNUSA-FK/Adm-Lab.Terpadu.I/II/2023

FORM PURCHASE REQUEST		Code	17/LT/FK/UNUSA-B/II/2023					
	Universitas NU Surabaya	Periode	Februari - juni 2023					
Dept/Prodi	Anatomi dan Histologi / S1 Pendidikan Dokter							
Kegiatan	Pengajuan Mikroskop Trinokuler Histologi							
Laboratorium Terpadu 1								
ALAT								
NO	QTY	DESCRIPTION	SPESIFIKASI	MERK	UNIT PRICE	KETERANGAN	PPN	AMOUNT
1	1	Trinocular Microscope	Eclipse Si	Nicon	Rp 84.000.000	PT. New Module International	Include	Rp84.000.000
TOTAL					Rp 84.000.000,00			
Pemohon/tgl. 10 Februari 2023			Mengetahui/tgl.		Mengetahui/tgl.		Menyetujui/tgl.	
PJMK Histologi Fakultas Kedokteran,			Kaprodi Pendidikan Dokter,		Wakil Dekan II Fakultas Kedokteran,		Dekan Fakultas Kedokteran,	
 (Irmawan Farindra, dr., M.Si)			 (Nur Azizah A.S, dr., Sp.KJ)		 (Aisyah, dr., Sp.KFR)		 (Dr. Handayani, dr., M.Kes)	
NPP. 15101027			NPP. 19041243		NPP.01304856		NPP. 1406958	



No. : 019b/LSC/Q/II/2023

Jakarta, 10 Februari 2023

Kepada Yth.
Dekan Fakultas Kedokteran
Universitas Nahdlatul Ulama Surabaya
Jl. Jemursari No. 51-57
Surabaya

Dengan hormat,

Bersama ini kami berikan penawaran harga untuk Microscope dengan rincian sebagai berikut:

No	Deskripsi	Qty	Unit Price
1	<p>Trinocular Microscope (AutoIntensity Management) with Camera 12MP Wifi and Monitor 23,8" Brand: Nikon Model: Eclipse Si</p> <p>Specification:</p> <ul style="list-style-type: none"> - Optical system: CFI Infinity Optical System - 40x - 1000x magnification for observation - Eyepiece tube: Trinocular tube (inclination: 45°), rotatable Siedentopf-type. Trino port: 50:50, built-in 0,55x relay lens in camera port with C-mount - Eyepoint height adjustable to 2 positions - Interpupillary distance: 50-75 mm - Eyepiece lens: CFI 10X (F.O.V 20mm), both eyepiece lenses are focusable to do diopter adjustment. - Reversed-type quintuple nosepiece (within main body) - Focusing: Coaxial coarse/fine focusing (located on both sides), cross roller guide. focusing stroke: up 2mm down 13mm, coarse: 37,7mm per rotation, fine: 0,2mm per rotation, minimum reading: 2µm with coarse focus knob torque adjustment ring and stage vertical movement stopper - Rectangular mechanical stage (within main body), with specimen holder 2L and vernier calibrations cross travel: 76(X) x 52 (Y) mm - Abbe condenser N.A. 1.25, vertically movable and centerable - Status Display: The illumination brightness is shown in a bar graph on the LCD. you can check the magnification at a glance while maintaining your observation posture. The LCD in body Microscope and shown the parameters (ECO Mode; LIM Mode; Brightness state; Objective name; and Magnification. - Eco-Illumination: High luminescent white LED illuminator with Fly eye lens is a low power consumption eco-friendly light source Reducing lamp replacement with a long-life LED for 60,000 hours operation - LED illuminator offers low-heat generation & provides the same color temperature in every magnification - LIM mode: the intelligent Light Intensity Management (LIM) which automatically remembers and sets the light intensity level for each objective. with LIM, users can increase comfort and save time even when the routine requires frequent magnification changes. - ECO mode: Automatically powers off after a period of inactivity - Integrated cord storage in the back microscope - QR stiker on the microscope body for quick guide operation - Observation : Brightfield <p>Consisting of: ECLIPSE Si RS Main Body: <i>with inward-type quintuple nosepiece with Light Intensity Management function mechanical stage right handle, LED illuminator base stage vertical movement stopper, Abbe condenser supplied with field lens unit with diaphragm, vinyl cover</i> EC-T-TF2 Trinocular Tube 2 Eyepiece CFI E 10X (Field No. 20) x 2 pcs. CFI E Plan Achromat 4X, N.A. 0.10, W.D. 30mm (F.O.V.20) CFI E Plan Achromat 10X, N.A. 0.25, W.D. 7mm (F.O.V.20) CFI E Plan Achromat 40X, N.A. 0.65, W.D. 0.65mm spring-loaded (F.O.V.20) CFI E Plan Achromat 100X oil, N.A. 1.25, W.D. 0.23mm (F.O.V.20) oil-immersion, spring-loaded AC adapter Immersion Oil N 8CC Power Cord BE (220-240V)</p> <p>Color Digital Camera 12MP (Wifi) with Monitor 23,8"</p>	1	Rp 84.000.000



No	Deskripsi	Qty	Unit Price
	Spesification: Camera system Kopa with Sony Image sensor Image sensor: SONY CMOS Maximum resolution: 4000×3000 (12,000,000 Pixels) Preview resolution: 4000×3000@30fps, 3840×2160@30fps Color bit Depth 12Bit 5G Wifi+HDMI simultaneous output Exposure mode: Rolling Shutter Sensor size: 1/2.3" Pixel size: 1.55µm×1.55µm Spectral response: 380-650nm Exposure capability: Real-time auto and manual adjustment White balance: Real-time auto and manual RB adjustment Exposure: 10µs - 333ms Power consumption DC 12V 5A Wireless protocol 5G WiFi IEEE802.11ac UHD HDMI output to monitor, TV, projector. The USB ports can connect to mouse, keyboard, convenient for measurement and text input. Include Monitor Min. 23,8inch, Keyboard and Mouse		

Demikian penawaran kami, bila terdapat hal yang ingin diketahui lebih lanjut, silahkan menghubungi kami.

Keterangan:

1. Harga: **NETTO** Franko Surabaya, sudah termasuk PPN
2. Penyerahan barang: Stock / Indent 8-12 minggu setelah PO diterima.
3. Pembayaran: Uang muka 40% dari total order/PO, sisa pada saat penyerahan barang 60% dari total order/PO
4. Garansi alat: 1 (satu) tahun diluar suku cadang
5. Penawaran berlaku selama 1 (satu) bulan
6. Harga termasuk Instal dan Training

Hormat kami,
PT. New Module Int.

Nandang Suherman
 Life Science Dept. Manager



Informasi Lebih Lanjut:

Fauzi
 0812 98 55 80 28
fauzi_sfr@yahoo.co.id
fauzi.rahman@nemoint.com



Perihal : Penawaran Harga
Nomor : 005/PEN/WRP/I/2023

Tanggal : 30 Januari 2023

Kepada Yth.
Dekan Fakultas Kedokteran
UNUSA-Surabaya

Berikut kami mengajukan penawaran alat laboratorium :

No	Nama Barang	Total Harga
1	<p>Trinokular Microscope Nikon Eclipse Si with Camera and Monitor</p> <p>Spesification:</p> <ul style="list-style-type: none">- 40x - 1000x magnification for observation- Eco-Illumination: High luminescent white LED illuminator with Fly eye lens is a low power consumption eco-friendly light source Reducing lamp replacement with a long-life LED for 60,000 hours operation- LED illuminator offers low-heat generation & provides the same color temperature in every magnification- LIM mode: the intelligent Light Intensity Management (LIM) which automatically remembers and sets the light intensity level for each objective. with LIM, users can increase comfort and save time even when the routine requires frequent magnification changes.- ECO mode: Automatically powers off after a period of inactivity- Integrated cord storage in the back microscope- QR stiker on the microscope body for quick guide operation- Eyepiece CFI E 10X (Field No. 20) x 2 pcs.- CFI E Plan Achromat 4X, N.A. 0.10, W.D. 30mm (F.O.V.20)- CFI E Plan Achromat 10X, N.A. 0.25, W.D. 7mm (F.O.V.20)- CFI E Plan Achromat 40X, N.A. 0.65, W.D. 0.65mm spring-loaded (F.O.V.20)- CFI E Plan Achromat 100X oil, N.A. 1.25, W.D. 0.23mm (F.O.V.20) oil-immersion, spring-loaded- Color Digital Camera 12MP (Wifi) with Monitor 23,8"	Rp 115.000.000

	Jumlah	Rp 115.000.000
	PPN 11%	Rp 12.650.000
TERMS AND CONDITIONS	TOTAL	Rp 127.650.000
1. Sudah termasuk PPN 11%		
2. Penawaran Berlaku 30 hari		
3. Pembayaran: 100% setelah pekerjaan selesai		

Mengetahui,


(SHOHIBUL ABIDIN)
Direktur



PT. SANDI KARYA WIGUNA
 Mechanical Electrical and Equipment Laboratory
 Jl KH Abdullah Syafe'i No 1 (Tebet Utara Dalam 34)
 Rt 05/ Rw 01 Kelurahan Tebet Timur, Kecamatan Tebet.
 Jakarta Selatan 12820
 Tlp. : 021 22323487
 Email : sandikaryawiguna@gmail.com


PENAWARAN

No : QTY 23-001
 3 Februari 2023

Kepada Yth.
 Dekan Fakultas Kedokteran
 Universitas Nahdlatul Ulama Surabaya
 Surabaya

Subyek : Penawaran Harga Trinocular Microscope (AutoIntensity Management) with Camera 12MP Wifi and Monitor 23,8"

Dengan hormat,
 Bersama ini kami sampaikan proposal penawaran harga Peralatan Laboratorium, dengan perincian sebagai berikut :

No	Uraian Pekerjaan	Spesifikasi	Volume	Harga Satuan	Harga Total
1	Trinocular Microscope (AutoIntensity Management) with Camera 12MP Wifi and Monitor 23,8" Brand: Nikon Model: Eclipse Si 	<ul style="list-style-type: none"> - Optical system: CFI Infinity Optical System - 40x - 1000x magnification for observation - Eyepiece tube: Trinocular tube (inclination: 45°), rotatable Siedentopf-type. - Trino port: 50:50, built-in 0,55x relay lens in camera port with C-mount - Eyepoint height adjustable to 2 positions - Interpupillary distance: 50-75 mm - Eyepiece lens: CFI 10X (F.O.V 20mm), both eyepiece lenses are focusable to do diopter adjustment. - Reversed-type quintuple nosepiece (within main body) - Focusing: Coaxial coarse/fine focusing (located on both sides), cross roller guide. focusing stroke: up 2mm down 13mm, coarse: 37,7mm per rotation, fine: 0,2mm per rotation, minimum reading: 2µm with coarse focus knob torque adjustment ring and stage vertical movement stopper - Rectangular mechanical stage (within main body), with specimen holder 2L and vernier calibrations cross travel: 76(X) x 52 (Y) mm - Abbe condenser N.A. 1.25, vertically movable and centerable - Status Display: The illumination brightness is shown in a bar graph on the LCD. you can check the magnification at a glance while maintaining your observation posture. The LCD in body Microscope and shown the parameters (ECO Mode; LIM Mode; Brightness state; Objective name; and Magnification. - Eco-Illumination: High luminescent white LED illuminator with Fly eye lens is a low power consumption eco-friendly light source Reducing lamp replacement with a long-life LED for 60,000 hours operation - LED illuminator offers low-heat generation & provides the same color temperature in every magnification - LIM mode: the intelligent Light Intensity Management (LIM) which automatically remembers and sets the light intensity level for each objective. with LIM, users can increase comfort and save time even when the routine requires frequent magnification changes. - ECO mode: Automatically powers off after a period of inactivity - Integrated cord storage in the back microscope 	1 Unit	Rp 120.225.000	Rp 120.225.000



PT. SANDI KARYA WIGUNA
Mechanical Electrical and Equipment Laboratory
Jl KH Abdullah Syafe'i No 1 (Tebet Utara Dalam 34)
Rt 05/ Rw 01 Kelurahan Tebet Timur, Kecamatan Tebet.
Jakarta Selatan 12820
Tlp. : 021 22323487
Email : sandikaryawiguna@gmail.com

PENAWARAN

No : QTY 23-001
3 Februari 2023

Kepada Yth.
Dekan Fakultas Kedokteran
Universitas Nahdlatul Ulama Surabaya
Surabaya

Subyek : Penawaran Harga Trinocular Microscope (AutoIntensity Management) with Camera 12MP Wifi and Monitor 23,8"

Dengan hormat,
Bersama ini kami sampaikan proposal penawaran harga Peralatan Laboratorium, dengan perincian sebagai berikut :

No	Uraian Pekerjaan	Spesifikasi	Volume	Harga Satuan	Harga Total
		<ul style="list-style-type: none">- QR stiker on the microscope body for quick guide operation- Observation : Brightfield <p>Color Digital Camera 12MP (Wifi) with Monitor 23,8"</p> <p>Spesification: Maximum resolution: 4000×3000 (12,000,000 Pixels) Preview resolution: 4000×3000@30fps. 3840×2160@30fps Color bit Depth 12Bit 5G Wifi+HDMI simultaneous output Include Monitor Min. 23,8inch, Keyboard and Mouse</p>			
				TOTAL	Rp 120.225.000

Demikian kami sampaikan, atas perhatiannya kami ucapkan terima kasih

Keterangan:

- Franko surabaya, PPN Included
- Indent Max 3bulan setelah PO diterima.
- Pembayaran Sesuai Prosedur Universitas Nahdlatul Ulama Surabaya
- Garansi satu tahun
- Penawaran berlaku selama satu bulan

Hormat kami,
PT. Sandi karya Wiguna



Dicky Hidayat
Direktur



UNIVERSITAS NAHDLATUL ULAMA SURABAYA

Kampus A Wonokromo : Jl. SMEA No.57 Tlp. 031-8291920, 8284508 Fax. 031-8298582 – Surabaya 60243

Kampus B RSI Jemursari : Jl. Jemursari NO.51-57 Tlp. 031-8479070 Fax. 031-8433670 – Surabaya 60237

Website : unusa.ac.id Email: info@unusa.ac.id

Surabaya, 2 Maret 2023

Nomor : 701/UNUSA/Adm.E/III/2023

Perihal : Pemesanan Mikroskop Trinokuler Departemen Histologi Lab Terpadu FK

Kepada Yth.

PT. NEW MODULE INTERNATIONAL

Assalamu'alaikum Wr.Wb.

Puji syukur kami panjatkan ke hadirat Allah SWT atas limpahan rahmat dan karunia-Nya, shalawat dan salam senantiasa tercurahkan kepada Rasulullah SAW semoga Bapak/Ibu selalu dalam keadaan sehat wal'afiat.

Bersama ini kami sampaikan surat pemesanan Mikroskop Trinokuler Departemen Histologi Lab Terpadu FK dengan Spesifikasi sebagai berikut :

JML	NAMA BARANG	SPESIFIKASI	HARGA
1	Trinocular Microscope	Eclipse Si, merk Nikon	Rp. 84.000.000
		SUB TOTAL	Rp. 84.000.000 (Include PPN)

Demikian surat pemesanan kami, atas kerjasamanya kami sampaikan terima kasih.

Wassalamu'alaikum Wr.Wb.

An. Rektor

Wakil Rektor II


Ir. Muhammad Faqih, M.S.A., Ph.D.