KEMENTERIAN AGAMA

**UNIVERSITAS ISLAM NEGERI MAULANA MALIK IBRAHIM MALANG**

Jl. Gajayana No. 50 Malang 65144, Telp. (0341) 551354, Fax. (0341) 572533Website : [www.uin-malang.ac.id](http://www.uin-malang.ac.id) E-mail : info@uin-malang.ac.id

Nomor : Un.03/KS.01.7/2306/2016 Malang, 17 Juni 2016

Lampiran : 1 (satu) bendel

Perihal : **Permohonan Informasi Harga**

 Kepada Yth.

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di

‘- T e m p a t –

Dengan hormat,

Sehubungan rencana realisasi pelaksanaan pekerjaan **Pengadaan Modal Peralatan dan Mesin Jurusan Biologi**Fakultas Sains dan TeknologiUin Maulana Malik Ibrahim Malang Tahun Anggaran 2016,bersama ini kami bermaksud agar perusahaan saudara memberikan informasi tentang harga barang sesuai dengan Rencana Anggaran Biaya (RAB) yang kami lampirkan dalam surat ini.

Informasi harga yang saudara akan kami jadikan sebagai dasar pembuatan HPS lelang.

Kami harap data harga barang dapat kami terima paling lambat pada :

Hari : Rabu

Tanggal : 22 Juni 2016

Tempat : Unit Layanan Pengadaan

Lantai II Gedung Rektorat UIN Maulana Malik Ibrahim Malang

 Jl. Gajayana No. 50 Malang (0341) 570886

Adapun informasi harga tersebut bisa dikirim ke kantor ULP UIN Maulana Malik Ibrahim Malang, atau di fax di no (0341) 570886 dan atau dikirim via e-mail ke : **ulp@uin-malang.ac.id** atau **ulp\_uinmalang@kemenag.go.id**.

Demikian atas perhatian dan kerjasamanya yang baik, kami sampaikan terima kasih.

*Wassalamu’alaikum Wr. Wb.*

Pejabat Pembuat Komitmen ,

**Dr. drh. Hj. Bayyinatul Muchtaromah, M.Si**

NIP 19710919 200003 2 001

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**UNIVERSITAS ISLAM NEGERI MAULANA MALIK IBRAHIM MALANG**

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Lampiran : I (satu)

Surat Permohonan Informasi Harga Barang

 Nomor : Un.03/KS.01.7/2306/2016

 Tanggal : 17 Juni 2016

Pekerjaan : **Pengadaan Modal Peralatan dan Mesin Jurusan Biologi**

Lokasi : **Fakultas Sains dan Teknologi** **UIN Maulana Malik Ibrahim Malang**

Tahun Anggaran : **2016**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **No** | **Uraian** | **Spesifikasi** | **Vol** | **Harga Satuan** | **Jumlah** |
| 1 | Trinocular Microscope | - CFI60 infinity optical system; Parfocal distance : 60mm | 1 Unit |  |  |
|   |   | - 40x - 1000x magnification for observation |   |   |   |
|   |   | - **Eyepoint height can be raised 34mm** by swinging the eyepiece tube front part  |   |   |   |
|   |   | - Interpupillary distance: 47-75 mm |   |   |   |
|   |   | - CFI Eyepiece 10x (F.O.V. : 20mm)**, both eyepiece lenses are focusable to do diopter adjustment.** |   |   |   |
|   |   | - Quadruple nosepiece, reserved type |   |   |   |
|   |   | - Coarse/fine focusing: Fine: 0.2 mm /rotation, Coarse: 37.7mm/rotation |   |   |   |
|   |   | - Minimum reading: **2 microns** on left side fine control knob,  |   |   |   |
|   |   |  Coarse motion torque adjustable |   |   |   |
|   |   |  R**efocusing stage system for fast focusing when changing slides or adding oil immersion** |   |   |   |
|   |   | **- Upper limit stopper with** height can be set in two levels, standard or 2 mm lower |   |   |   |
|   |   | - Stage handle and focusing knob are at equal distance from operator |   |   |   |
|   |   | - Rectangular **wide surface stage**: 216x150 mm, mounted on main body |   |   |   |
|   |   | - Cross travel: 78x54 mm |   |   |   |
|   |   | - Abbe condenser N.A. 1.25 |   |   |   |
|   |   | **- 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** |   |   |   |
|   |   | **- Easy replacing lamp by simply open the lens unit cover** |   |   |   |
|   |   | - Observation Method: Brightfield |   |   |   |
|   |   |   |   |   |   |
|   |   | Consisting of: |   |   |   |
|   |   | E200LED-F MV RS Main Body (100 - 240V) |   |   |   |
|   |   | with quadruple nosepiece, mechanical stage right handle with refocusing mechanism,  |   |   |   |
|   |   | halogen illuminator base supplied with field lens unit with diaphragm, LED lamp, vinyl cover,  |   |   |   |
|   |   | E2-TF Trinocular Eyepiece Tube (100/0 0/100) |   |   |   |
|   |   | Eyepiece CFI E 10X (Field No. 20), pair |   |   |   |
|   |   | 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 (F.O.V.20) |   |   |   |
|   |   | CFI E Plan Achromat 100X oil, N.A. 1.25, W.D. 0.23mm (F.O.V.20) |   |   |   |
|   |   | E2 Abbe Condenser with objective position guide marking, N.A. 1.25 |   |   |   |
|   |   | Immersion oil A, 8cc |   |   |   |
|   |   | Power Cord BE (220-240V) |   |   |   |
|   |   | Anti-Mould Agent |   |   |   |
|   |   |   |   |   |   |
|   |   | **Included:** |   |   |   |
|   |   | **COLOR PHOTOMICROGRAPHY DIGITAL CAMERA SYSTEM, 5M, with LCD touch screen** |   |   |   |
|   |   |   |   |   |   |
|   |   | **Specification:** |  |   |   |
|   |   | **Camera Head:** |  |   |   |
|   |   | **CCD : 2/3 in. high density CCD; 5.24 million pixels (effective 5.07 million)** |  |   |   |
|   |   | **Recordable pixels: 2560 x 1920 pixels, 1280 x 960 pixels, 640 x 480 pixels** |  |   |   |
|   |   | Sensitivity: Equivalent to ISO64 (Selectable from ISO32 to 1250 equivalent) |  |   |   |
|   |   | Gain: 1-46x, Binning Modes: 2x2, 4x4 |  |   |   |
|   |   | A/D conversion: 14-bit |  |   |   |
|   |   | **Live display mode: 2560 x 1920 (max. 10 fps), 1280 x 960 (max. 21 fps), 640 x 480 (max. 21 fps),**  |  |   |   |
|   |   |  **ROI mode (max. 23 fps)** |  |   |   |
|   |   | Lens mount: C-mount |  |   |   |
|   |   | **Exposure Time: 130/1000 to 60 sec.** |  |   |   |
|   |   | Dimensions : Camera head : 82.0 (W) x 77.5 (D) x 48.0 (H) mm |  |   |   |
|   |   | Weight : Camera head : approx. 270 g |  |   |   |
|   |   | System composition : Camera cable (3m) |  |   |   |
|   |   | Accessories (included): For wide field of view observations 0.7x Relay lens (C-mount) |  |   |   |
|   |   |   |  |   |   |
|   |   | **Camera Control Unit** |  |   |   |
|   |   | **- Controlled with touch panel operation by finger or touch pen** |  |   |   |
|   |   | - Exposure correction : Correction range : ± 2.0, Step : 1/3 |  |   |   |
|   |   | - Digital zoom : Up to 16 x (8 steps) |  |   |   |
|   |   | **- Interval shooting : 10 sec-6 hr. intervals** |  |   |   |
|   |   | - Exposure metering : Average metering, Peak hold metering |  |   |   |
|   |   | - Exposure metering range: Position/size adjustable |  |   |   |
|   |   | - White balance : Set method, Color balance adjustable |  |   |   |
|   |   | - Image adjusments : Gamma correction, shading adjusment, black level adjusment, hue wheel  |  |   |   |
|   |   |  variation, color saturation adjusment |  |   |   |
|   |   | - Recordable image file format: RGB 8 bit/16 bit |  |   |   |
|   |   | **- Storage format: BMP, JPEG (4-step compression), TIFF** |  |   |   |
|   |   | - Interface : USB device port (mass storage class support) |  |   |   |
|   |   |  USB host port x 2 (USB mouse, memory stick, keyboard, microscope connection) |  |   |   |
|   |   | - Power supply : AC100-240V, 50/60 Hz |  |   |   |
|   |   | - Power consumption : 70 VA |  |   |   |
|   |   | - Dimensions : 230 (W) x 66.5 (D) x 200 (H) mm |  |   |   |
|   |   | - Weight : Control unit : Approx 1800 g, AC adapter : Approx 350 g |  |   |   |
|   |   | - System composition : AC adapter, Power cord, USB memory stick 128MB, Mouse |  |   |   |
|   |   | **- Networking: Ethernet, DHCP compatible, HTTP, Telnet or FTP server, FTP client** |  |   |   |
|   |   | **- LCD Monitor: 8.4 inch TFT color LCD XGA (1024x768, 60 Hz)** |  |   |   |
|   |   | **- External monitor output: DVI-I (Digital: Conforms to DVI 1.0/Analog: 0.7 Vpp (75 ohm) SXGA; XGA; 720P** |  |   |   |
|   |   | - Storage Media: CF Card type I, II; USB memory stick, Microdrive |  |   |   |
|   |   |   |  |   |   |
|   |   | **Consisting of:** |  |   |   |
|   |   | Digital Camera Head DS-Fi2 |  |   |   |
|   |   | Digital Camera Control Unit DS-L3 |  |   |   |
|   |   | DS Camera I/F cable 20-26 |  |   |   |
|   |   | AC Adapter 2 |  |   |   |
|   |   | Power Cord  |  |   |   |
|   |   | C-mount 0.7X Relay Lens |  |   |   |
|   |   | Y-T TV Tube for C-Mount Adapter A / CN |  |   |   |
|   |   | Included: CF Card 4 GB, Flash Disk 4 GB and USB mouse (local supply) |  |   |   |
|   |   |   |   |   |   |
| 2 | Biokular Microscope | - CFI60 infinity optical system; Parfocal distance : 60mm | 2 Unit |  |  |
|   |   | - 40x - 1000x magnification for observation |  |   |   |
|   |   | - Binocular tube, anti mold, siedentopf type, inclination 30o, 360o rotatable |  |   |   |
|   |   | - **Eyepoint height can be raised 34mm** by swinging the eyepiece tube front part  |  |   |   |
|   |   | - Interpupillary distance: 47-75 mm |  |   |   |
|   |   | - CFI Eyepiece 10x (F.O.V. : 20mm)**, both eyepiece lenses are focusable to do diopter adjustment.** |  |   |   |
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|   |   |  **consumption eco-friendly light source Reducing lamp replacement with a long-life**  |  |   |   |
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|   |   | E200LED MV R Main Body (100 - 240V) |  |   |   |
|   |   | with quadruple nosepiece, mechanical stage right handle, with refocusing mechanism, |  |   |   |
|   |   | halogen illuminator base supplied with field lens unit without diaphragm,  |  |   |   |
|   |   | LED lamp, vinyl cover |  |   |   |
|   |   | E2-TB Binocular Eyepiece Tube, Anti-mould |  |   |   |
|   |   | Eyepiece CFI E 10X (Field No. 20), pair |  |   |   |
|   |   | CFI E Plan Achromat 4X, N.A. 0.10, W.D. 30mm (F.O.V.20) |  |   |   |
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|   |   | E2 Abbe Condenser with objective position guide marking, N.A. 1.25 |  |   |   |
|   |   | Immersion oil A, 8cc |  |   |   |
|   |   | Power Cord BE |  |   |   |
|   |   | Anti-Mould Agent |  |   |   |
| 3 | Analitical Balance | Capacity: 220 g | 1 set |  |  |
|   |   | Minimum Display: 0.1 m |   |   |   |
|   |   | Repeatability (Standard Devition) : ≤ 0.1 mg |   |   |   |
|   |   | Linearity: ± 0.2 mg |   |   |   |
|   |   | Response Time : Appox. 3.0 second |   |   |   |
|   |   | Operating Ambient Temperature: 5-40°C 20-85 % |   |   |   |
|   |   | Temperature Ceofficient Sensitivity (ppm/C): ±2 ppm/ °C (no condensation) |   |   |   |
|   |   | Pan Size (mm) Approx.: Ф91 |   |   |   |
|   |   | Main Body Dimentions (mm) Approx.: 213 (W) x 356 (D) x 338 (H) |   |   |   |
|   |   | Weight (kg) approx.: 6.0 - 6.2  |   |   |   |
|   |   | Power requirement: 12 V, 1 A |   |   |   |
|   |   | Internal Calibration: √ |   |   |   |
| **TOTAL** |   |   |   |  |
| NB: Harga sudah termasuk pajak, biaya kirim, biaya instalasi, dan pelatihan/alih tehnologi |

Pejabat Pembuat Komitmen ,

**Dr. drh. Hj. Bayyinatul Muchtaromah, M.Si**

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