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.01.7/2307/2016 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 Fisika*** Fakultas Sains dan Teknologi*UIN 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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Website : [www.uin-malang.ac.id](http://www.uin-malang.ac.id) E-mail : info@uin-malang.ac.id

Lampiran : I (satu)

Surat Permohonan Informasi Harga Barang

 Nomor : Un.03/KS.01.7/2307/2016

 Tanggal : 17 Juni 2016

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

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

Tahun Anggaran : **2016**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **No** | **Uraian** | **Spesifikasi** | **Vol** | **Harga Satuan** | **Jumlah** |
| 1 | Teropong Bintang:**Celestron CPC Deluxe 1100 HD Telescope** |

|  |  |
| --- | --- |
| **SKU** | CE-11009 |
| **Manufacturer** | Celestron |
| **Telescope Series** | Celestron CPC Deluxe HD |
| **Optical Design** | Modified Cassegrain |
| **Mount Type** | Alt-Azimuth - GoTo |
| **Warranty** | 2 Year Warranty |
| **Telescope Aperture** | 11" |
| **Telescope Focal Ratio** | f/10 |
| **Telescope Focal Length** | 2800mm |
| **Limiting Stellar Magnitude** | 14.7 |
| **Highest Useful Magnification** | 661x |
| **Optical Coatings** | Celestron XLT |
| **Tube Color or Finish** | Celestron Oyster Pearl |
| **Optical Tube Outer Diameter** | Not provided by manufacturer |
| **Length of Optical Tube** | Not provided by manufacturer |
| **Optical Tube Weight** | Not provided by manufacturer |
| **Mount Weight** | N/A |
| **Dew Shield Included?** | No, Sold Separately |
| **Diagonal Included?** | Yes - 2" Star Diagonal |
| **Finder Included** | 9 x 50 Optical Finder |
| **Eyepiece(s) Included** | 23mm Luminos |
| **Hand Controller Included?** | Yes |
| **Power Adapter Included** | DC Cigarette Lighter Adapter |
| **GPS Included?** | Yes |
| **CD ROMs Included** | NexRemote |
| **Case Included?** | No |
| **Counterweights Included** | N/A |
| **Alignment Procedure** | 1-Star Alignment, 2-Star Alignment, SkyAlign, Solar System Align |
| **Tracking Modes** | Alt-Azimuth, EQ North, EQ South |
| **Objects in Database** | 40,000 objects |
| **OTA Mount Type** | Dual Fork Arms |
| **Tripod Type Included** | Adjustable with Steel Legs |
| **Total Telescope Weight** | 66 lbs. |
| **Training Alat** |
| **IN THE BOX** | * Celestron 11" f/10 CPC Deluxe Telescope Assembly
* Heavy Duty Tripod with Accessory Tray
* NexStar Hand Controller
* 2" 23mm Luminos Eyepiece
* 2" Star Diagonal
* 9x50 Finderscope and Quick Release Bracket
* NexRemote Telescope Control Software
* RS-232 Cable
* 2" Visual Back
* Car Battery Adapter
* Instruction Manual
 |

 | 1 paket |  |  |
|  2 |  Rotary Viscometer: Viskometer digital, Snb-2 rotary Viscosimeter | Fitur SNB - 2 Viscometer 1. Range ( mPa.s ) : 1-6M 2. Akurasi : 1,0 % dari kisaran 3. Pengulangan: 0,5 % 4. RPM : 0,1-100 SNB - 2 Rotasi Viskometer fitur : Pengumpulan data l SNB dan menggambar perangkat lunak untuk opsional l configurate RTD Suhu Probe l Stepping motor berarti Akurat , operasi yang handal l Direc pembacaan dari semua parameter pengukuran l Auto Rentang Menampilkan l Waktu Fungsi untuk pengukuran alarm l Suara di bawah 20 % Torsi kalibrasi l Linear l power supply Berbagai 100V - 240V Aplikasi : l Tinta , Lateks , Adhesive ( basis Solvent ) l Polymer Solutions , Minyak , Cat dan Coating l Pelarut , Kosmetik , Produk Susu l Farmasi , Jus, dll | 1 paket |   |   |
|   |   | **Data-data teknis**  |   |   |   |
|   |   |

|  |  |  |
| --- | --- | --- |
| Model  |  | SNB - 2  |
| Range ( mPa.s )  |  | 1-6M  |
| RPM  |  | 0,1-100  |  |  |
| mengukur Gaya  | Kontrol manual  | Manual, Inteligent  |
| gelondongan  | # 1 , # 2 , # 3 , # 4 adalah konfigurasi standar ( # 0 adalah untuk opsi )  |
| akurasi  | ± 1,0 % dari kisaran  |
| repeatability  | ± 0,5 %  |

 |   |   |   |
|  3 |  Violet Dioda Laser:**VIOLET DIODE LASER AT 405nm (MDL-III-405/1~500mW)** |  |  1 unit |   |   |
|  4 |  Microhardness tester: **Micro Vickers Hardness Tester TH710** | Features:* New high-tech product integrating mechanical and photoelectrical technologies
* Equipped with a digital microscope,direct display of the measuring method, test force,indentation length, hardness value, dwell time of test force
* Camera device can be connected via RS232 interface
* Especially suitable for testing the hardness of micro and thin specimen, fragile material
* By means of a 10x objective and a 40x objective, the tester has wide measurement and high accuracy
* Knoop indenter can be used to measure Knoop hardness value
 | 1 unit |   |   |
|   |   |

|  |  |
| --- | --- |
| Test Forces | (0.098, 0.246, 0.49, 0.98, 1.96, 2.94, 4.90, 9.80) N (10, 25, 50, 100, 200, 300, 500, 1000) gf |
| Carriage Control | automatic loading /dwell/loading |
| Amplification of the Microscope  | 100 ×400 × |
| Dwell Time of the Test Force  | (560)s |
| Min. Graduation Value of the Testing Drum Wheel | 0.0625um |
| Testing Field | 1HV—2967HV |
| Dimension of the XY Table  | 100 × 100 mm |
| Movement Field of the XY Table  | 25 × 25mm |
| Max. height of the specimen  | 70 mm |
| Max. width of the specimen  | 95mm |
| Light source  | cold light source |
| Power supply  | 110V/220V,60/50Hz |
| Dimension  | 425 × 245 × 490mm |
|  |  |
|  |  |
|  |  |
|  |  |
| **Standard delivery**  |  |
| * TH710 main unit
 | 1 |
| * Weights
 | 6 |
| * Weight Shaft
 | 1 |
| * Cross testing table
 | 1 |
| * Platelet fixture
 | 1 |
| * Plane-holding fixture
 | 1 |
| * Filament fixture
 | 1 |
| * Screw drivers
 | 2 |
| * Horizontal regulation screws
 | 4 |
| * Level
 | 1 |
| * Power cord
 | 1 |
| * 10x numerical microscope
 | 1 |
| * Vickers hardness blocks
 | 2 |
| * Repair fuses (1A)
 | 2 |
| * TIME Certificate
 | 1 |
| * Warranty Card
 | 1 |
| * Instruction Manual
 | 1 |
| * Knoop indenter
 | 1 |
| * LCD device
 | 1 |
| * Grinding machine
 | 1 |
| * Cutting machine
 | 1 |
| * Mosaic machine
 | 1 |

 |   |   |   |
|   |   |  |   |   |   |
|  5 |  GPS: **Garmin 76 CSX** | **Physical & Performance** |   |   |   |
|   |   |

|  |  |
| --- | --- |
| Physical dimensions | 2.7" x 6.2" x 1.2" (6.9 x 15.7 x 3.0 cm)  |
| Display size, WxH | 1.6" x 2.2" (4.1 x 5.6 cm)  |
| Display resolution, WxH | 160 x 240 pixels  |
| Display type | 256 color transflective TFT  |
| Weight | 7.7 oz (218 g) with batteries  |
| Battery | 2 AA batteries (not included)  |
| Battery life | 18 hours, typical  |
| [Water rating](http://www.garmin.com/waterrating) | IPX7  |
| High-sensitivity receiver | √ |
| Interface | Serial and USB  |
| Barometric altimeter | √ |
| Electronic compass | √ |

 | 2 unit |   |   |
|   |   | **Maps & Memory** |   |   |   |
|   |   |

|  |  |
| --- | --- |
| Basemap | √ |
| Ability to add maps | √ |
| Built-in memory | none (cannot load maps to internal memory)  |
| Accepts data cards | 128 microSD™ card (included)  |
| Custom POIs (ability to add additional points of interest) | √ |
| Waypoints/favorites/locations | 1000  |
| Routes | 50  |
| Track log | 10,000 points; 20 saved tracks  |

 |   |   |   |
|   |   | **Outdoor Features** |   |   |   |
|   |   |

|  |  |
| --- | --- |
| Automatic routing (turn by turn routing on roads) | √ |
| [Geocaching-friendly](http://www8.garmin.com/outdoor/geocaching/) | √ |
| Hunt/fish calendar | √ |
| Sun and moon information | √ |
| Tide tables | √ |
| Area calculation | √ |

 |   |   |   |
|   |   | **Isi Box**1. GPSMAP 76CSx 5. MapSource Trip & Waypoint Manager
2. Basemap 6. Wrist strap
3. 128 MB microSD card 7. Owner's manual
4. USB cable 8. Quick reference guide
 |   |   |   |
|  6 |  Digital Multimeter: **Digital Multimeter SANWA PC500a** | Digital Multimeter Sanwa PC500a, yang digunakan untuk mengukur arus, tegangan dan hambatan listik secara akurat. Fitur Sanwa PC500a.* Pengukuran bar graph dengan kecepatan yang tinggi.
* Pengukuran kapasitansi.
* Memiliki tombol hold untuk data, dan rentang.
* Memiliki fitur daya mematikan (17 menit) (dibatalkan) dengan otomatis.
* Memiliki holster pencegah dengan penggantung dinding dan uji holder.
* Terdapat tilt stand (rentang kemiringan).
* Standar keamanan yang dimiliki IEC61010-1 (EN61010-1) 2001-02 CAT.III 600V Max./CAT.II1000V Max.
* Jenis baterai yang digunakan manganese battery pada rentang DCV.
 | 5 unit |   |   |
|   |   |

|  |
| --- |
|  **SPESIFIKASI** |
| **PC500a** | **Pengukuran Rentang** | **Akurasi** | **Resolusi** |
|  **DCV** |  50m/500m/5/50/500/1000V |  ±(0.06%+2) |  0.01mV |
|  **ACV** |  50m/500m/5/50/500/1000V |  ±(0.5%+3) |  0.01mV |
|  **DCA** |  500µ/5000µ/50m/500m/5/10A |  ±(0.2%+4) |  0.1µA |
|  **ACA** |  500µ/5000µ/50m/500m/5/10A |  ±(0.6%+3) |  0.1µA |
| **Resistansi** |  50/500/5k/50k/500k/5M/50MΩ |  ±(0.2%+2) |  0.01Ω |
| **Kapasitansi** |  50n/500n/5µ/50µ/500µ/9999µF |  ±(0.8%+3) |  0.01nF  |
|  **Frekuensi** |  10Hz~125kHz |  ±(0.01%+2) |  0.01Hz  |
|  **Kontunuitas** |  Suara bel dibawah 20Ω dan 120Ω Tegangan Terbuka: approx 3V |
| **Uji Diode** |  Tegangan Terbuka: approx. 3.5V |
|  **Bandwidth** |  40Hz~20kHz (dibawah 500V) 40Hz~1kHz (ACA) |
|  **Sekering** |  12.5A/500V IR20kA 6.3X32mm |
|  0.63A/500V IR200kA 6.3X32mm |
|  **Baterai** |  6F22 (9V)X1 |
|  **Ukuran (H x W x D)** |  179mm x 87mm x 55mm |
|  **Berat** |  460g |
|  **Aksesoris** |  Uji lead (TL-23a) |
|  Holster (H-50) |
|  Panduan pengunaan manual |

 |   |   |   |
| **TOTAL** |   |  |
| NB: Harga sudah termasuk pajak, biaya kirim, biaya instalasi, dan pelatihan/alih tehnologi |  |

Pejabat Pembuat Komitmen ,

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

 NIP 19710919 200003 2 001