KEMENTERIAN AGAMA

**UNIVERSITAS ISLAM NEGERI MAULANA MALIK IBRAHIM MALANG**

Jl. Gajayana No. 50 Malang 65144, Telp. (0341) 551354, Fax. (0341) 572533

Website : [www.uin-malang.ac.id](http://www.uin-malang.ac.id) E-mail : [info@uin-malang.ac.id](mailto:info@uin-malang.ac.id)

Nomor : Un.03/KS.01.7/2308/2016 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 Kimia** 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](mailto:ulp@uin-malang.ac.id)** atau **[ulp\_uinmalang@kemenag.go.id](mailto: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

KEMENTERIAN AGAMA

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Lampiran : I (satu)

Surat Permohonan Informasi Harga Barang

Nomor : Un.03/KS.01.7/2308/2016 Tanggal : 17 Juni 2016

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

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

Tahun Anggaran : **2016**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **No** | **Nama Alat** | **Spesifikasi** | **Jumlah** | | **Harga (Rp)** | **Jumlah Harga (Rp)** |
| 1. | Thermo Scientific Evolution 220 UV-Vis Spectrophotometer | - Double beam | 1 | set |  |  |
|  |  | - Czerny-Turner Monochromator | |  |  |  |
|  |  | - Application Focused Beam Geometry | | |  |  |
|  |  | - Light source : Xenon flash lamp | |  |  |  |
|  |  | - Detector : Dual silicon photodiodes | | |  |  |
|  |  | - Wavelength range : 190-1100 nm | | |  |  |
|  |  | - Absorbance, % Transmittance, | |  |  |  |
|  |  | % Reflectancy, Kubelka-Munk | |  |  |  |
|  |  | - Includes : |  |  |  |  |
|  |  | - Euro/US/UK power cords |  |  |  |  |
|  |  | -Single position cell holder |  |  |  |  |
|  |  | - 2 pcs Quartz cuvette 10 mm | |  |  |  |
|  |  | - INSIGHT 2 software for computer | | |  |  |
|  |  | control of instrument and off-line | | |  |  |
|  |  | data analysis |  |  |  |  |
|  |  | - USB memory device |  |  |  |  |
|  |  | - Including equipped integrating | |  |  |  |
|  |  | sphere |  |  |  |  |
| 2. | Closed Microwave Digestion | - Model : MDS-6G | 1 | set |  |  |
|  |  | - 8 frame teflon vessel (PTFE) include | | |  |  |
|  |  | - Pressure control : 0.1 ̴5.0 Mpa (750 psi) | | | |  |
|  |  | - Maximum temperature : 250°C | |  |  |  |
|  |  | - Outer material : anticorrosive super | | |  |  |
|  |  | strength composite |  |  |  |  |
|  |  | - Inner vessel : TFM |  |  |  |  |
|  |  | - Max sustained pressure : 10 Mpa | | |  |  |
|  |  | - Inner vessel capacity : 70 mL |  |  |  |  |
|  |  | - Max working pressure : 5.0 Mpa | |  |  |  |
|  |  | - Max working temperature : 250°C | | |  |  |
|  |  | - Operating ambient temp : 0-40°C | | |  |  |
|  |  | - Working humidity : 15-80%RH | |  |  |  |
|  |  | - W x D x H : 450 x 600 x 620 mm | |  |  |  |
|  |  | - Net weight : 42 kg |  |  |  |  |
| 3. | Teflon Lined Hydrothermal Synthesis Autoclave Acid Digestion Reactor | - Inner liner material : teflon | 2 | buah |  |  |
|  |  | - Working capacity : 200 mL |  |  |  |  |
|  |  | - Internal diameter : dia. 40 x 80 mm | | |  |  |
|  |  | - Max design pressure : 100 kg/cm2 | | |  |  |
|  |  | - Max design temperature : up to 180°C | | | |  |
|  |  | - Clossure type : cap type |  |  |  |  |
|  |  | - Seal type : O-ring |  |  |  |  |
|  |  | - Material vessel : SS steel 316 | |  |  |  |
| 4. | Desikator Kaca Vacuum | - With pocelain plate | 1 | buah |  |  |
|  |  | - Diameter : 250 mm |  |  |  |  |
|  |  | - Cat. 49 060 311 |  |  |  |  |
|  |  | - Ex Normax |  |  |  |  |
| 5. | Magnetic Stirrer Hot Plate | - Hotplate, magnetic stirrer | 2 | buah |  |  |
|  |  | - Cimarex 2 |  |  |  |  |
|  |  | - Digital temp and stirrer control | |  |  |  |
|  |  | - Ceramic coating plate |  |  |  |  |
|  |  | - Speed rpm : 50 - 1200 rpm |  |  |  |  |
|  |  | - Temp. Max : up to 540°C |  |  |  |  |
|  |  | - Dimension plate : 18.4 x 18.4 cm | |  |  |  |
|  |  | - Power : 230 V/50-60 Hz |  |  |  |  |
| 6. | Autoclave | - Chamber : 300 x 7100 cm (50L) | 1 | set |  |  |
|  |  | - Over all : 540 x 1040 x 530 mm (WxHxD) | | | |  |
|  |  | - Power consumption : 2 Kw |  |  |  |  |
|  |  | - Net weight : 57 kg |  |  |  |  |
|  |  | - Sterilization temp range : 105 to 135°C | | | |  |
|  |  | - Max allowed pressure : 0.26 Mpa | | |  |  |
|  |  | Temp display range : 5-137°C |  |  |  |  |
|  |  | - Worming temp range : 45 to 60°C | | |  |  |
|  |  | - Chamber material : SS |  |  |  |  |
|  |  | - Sterilization time 1-250 |  |  |  |  |
| 7. | Freeze Drying | - Microprocessor controls with | 1 | set |  |  |
|  |  | communication interface & LCD | |  |  |  |
|  |  | - With pre-freezing for samples, widely | | | |  |
|  |  | open condenser, without inner coil | | |  |  |
|  |  | - Large refrigerating capacity and slight | | | |  |
|  |  | noise of Danfoss compressor | |  |  |  |
|  |  | - Pre-cooling shelf can be used as draft | | | |  |
|  |  | tube to accelerate drying speed | |  |  |  |
|  |  | - Condenser and the operation panel are | | | |  |
|  |  | made of 304 stainless steel |  |  |  |  |
|  |  | - Drying area 0.1 M2 |  |  |  |  |
|  |  | - Cold trap temp : <-55°C |  |  |  |  |
|  |  | - Ultimate vacuum : <10 Pa |  |  |  |  |
|  |  | - Condenser capability : 3 ̴4 kg/24 hours | | | |  |
|  |  | - Material tray stainless steel sample | | |  |  |
|  |  | holder, tray height adjustable | |  |  |  |
|  |  | - Layers free setting |  |  |  |  |
|  |  | - Material thickness not more than 10mm | | | |  |
|  |  | freeze drying time around 24 hours | | |  |  |
|  |  | - Material capacity ϕ200mm x 4;1.2 L | | |  |  |
|  |  | - Power 220 -240V 50/60 Hz 800W | |  |  |  |
|  |  | - Complete set with vacuum pump and | | | |  |
|  |  | flask |  |  |  |  |
| 8. | Vacuum pump | - Speed of evacuation : 20 L/min | 1 | set |  |  |
|  |  | - Ultimate pressure : ≥0.08 Mpa | |  |  |  |
|  |  | - Vacuum : 200 Mbar |  |  |  |  |
|  |  | - Dimensions (LxBxH) : 215x120x235 mm | | | |  |
|  |  | - Voltage rating : 230VAC, 50 Hz | |  |  |  |
| 9. | Orbital Shaker | - Type of movement : orbital | 1 | set |  |  |
|  |  | - Stroke : 20 mm |  |  |  |  |
|  |  | - Speed range : 25 to 300 rpm |  |  |  |  |
|  |  | - Speed display : LED display |  |  |  |  |
|  |  | - Timer display : LED display |  |  |  |  |
|  |  | - Time setting range : 59 min 59 sec or | | |  |  |
|  |  | continous |  |  |  |  |
|  |  | - Dimension plate : 330x330 mm | |  |  |  |
|  |  | - Complete set with dedicated platform | | | |  |
|  |  | for 4x1000 mL clamp flasks |  |  |  |  |
| 10. | TLC Developing Standard Tank with Lid | - Twin trough chamber for 20x20 cm plates | 3 | buah |  |  |
|  |  | -022.5256 with stainless steel lid | |  |  |  |
|  |  |  |  |  |  |  |
| 11. | Oven UF 55 with forced | - Memmert | 1 | set |  |  |
|  |  | - Oven with force air circulation | |  |  |  |
|  |  | - Volume : 53 L |  |  |  |  |
|  |  | - Dimensi interior : 400x400x330 mm | | |  |  |
|  |  | - Berat netto : 57 kg |  |  |  |  |
|  |  | - Berat gross : 76 kg |  |  |  |  |
|  |  | - Temperature : min 10°C above ambient | | | |  |
|  |  | up to +300°C |  |  |  |  |
|  |  | - Voltage : 230 V, 50/60 Hz |  |  |  |  |
|  |  | - Power : 2000 watt |  |  |  |  |
| 12. | Analytical Balance | - Readability : 0.0001 gr | 1 | set |  |  |
|  |  | - Repeatability : 0.1 mg |  |  |  |  |
|  |  | - Stabilization time : 3 detik |  |  |  |  |
|  |  | - Capacity : 210 gr |  |  |  |  |
|  |  | - Platform size : dia. 90 |  |  |  |  |
| 13. | Agate mortar and pastle | - OD.125 mm | 1 | buah |  |  |
|  |  | - ID. 105 mm |  |  |  |  |
| 14. | Agate mortar and pastle | OD.80 mm | 1 | buah |  |  |
| 15. | Hallow chatoda lamp Nickel (Ni) | Agilent: code: 56-101037-00 current (mA) max 4-10, wavelength : 232; 352,5; 351,5; 362,5 nm | 1 | set |  |  |
| 16. | Hallow chatoda lamp Chromium (Cr) | Agilent: code: 56-101012-00 current (mA) max 7-15, wavelength : 357,9; 429,0; 520,8; 520,5 nm | 1 | set |  |  |
| 17. | Vacuum pump | - Speed of evacuation : 20 L/min | 1 | buah |  |  |
|  |  | - Ultimate pressure : ≥0.08 Mpa | |  |  |  |
|  |  | - Vacuum : 200 mbar |  |  |  |  |
|  |  | - Dimensions (LxBxH) : 215x120x235 mm | | | |  |
|  |  | - Voltage rating : 230VAC, 50 Hz | |  |  |  |
| **JUMLAH TOTAL** | |  |  |  | **Rp.** |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **No.** | **Nama Alat** | **Spesifikasi** | **Jumlah** | | **Harga (Rp)** | **Jumlah Harga (Rp)** |
| 13. | IBM X3500-M3-738032A Server | - Intel Xeon Quad Core E5506 | 2 | set |  |  |
| - 2.13GHz, 800Mhz/4MB |
| - 80 watt |
| - 1x4GB PC3-10600, 1333MHz |
| - ECC DDR3-SDRAM (max 32GB) |
| - 146GB 10K 2.5 HS SAS |
| - No Operating System |
| 14. | Lenovo Think Centre EDGE 93 10AR0027IF 18.5 Inch Desktop PC | - Desktop PC | 5 | set |  |  |
| - Intel Core i&-4770 |
| - Processor (8M Cache, up tp 3.90GHz) |
| - 4GB DDR3 PC 1600MHz (4 DIMM Slots) |
| - 1.0 TB 7200rpm |
| - 2.0 18.5 wide screen |
| - 3.0 windows 7 |
| **JUMLAH TOTAL** | | | | | **Rp.** |  |

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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