



KEMENTERIAN AGAMA
UNIVERSITAS ISLAM NEGERI MAULANA MALIK IBRAHIM MALANG
FAKULTAS SAINS DAN TEKNOLOGI
Jalan Gajayana 50 Malang 65144 Telepon/ Faksimil (0341) 558933

Nomor : Un.03/KS.01.04/2376/2013
Lampiran : 1 bendel
Hal : Permintaan Informasi Harga Barang

20 Agustus 2013

Kepada
Yth.
Di Tempat

Assalamu'alaikum Wr. Wb.

Dengan hormat, sehubungan rencana realisasi pelaksanaan pekerjaan **Belanja Modal Peralatan dan Mesin Berupa Alat Elektronik Fakultas Sains dan Teknologi UIN Maulana Malik Ibrahim Malang** (kode 2132.996.003.016 MAK 532111), maka kami bermaksud agar perusahaan saudara memberikan informasi tentang harga barang sesuai dengan Rencana Anggaran Biaya (RAB) yang kami lampirkan dalam surat ini.

Apabila informasi harga yang saudara berikan sesuai dan kami nilai wajar, maka kami akan memberikan kesempatan perusahaan saudara untuk membuat penawaran terhadap pekerjaan tersebut.

Kami harap data barang dan harganya dapat kami terima paling lambat pada:

Hari/ Tanggal : Jum'at/ 23 Agustus 2013

Waktu : 14.00 WIB

Tempat : Fakultas Sains dan Teknologi UIN Maliki Malang atau
dikirim via e-mail ke: ulp@uin-malang.ac.id atau
ulp_uinmalang@kemenag.go.id

Surat tentang informasi harga barang tersebut, ditujukan:

Kepada

Yth. Pejabat Pembuat Komitmen Fakultas Sains dan Teknologi
UIN Maulana Malik Ibrahim Malang

Demikian atas perhatian dan kerjasamanya, kami sampaikan terima kasih.

Wassalamu'alaikum Wr. Wb.

a.n. Rektor/ Kuasa Penguasaan Anggaran
Dekan/ Pejabat Pembuat Komitmen,



Dr. Drh. Bayyinatul Muchtaromah, M.Si
NIP. 19710919 200003 2 001

Lampiran Surat

Nomor : Un.03/KS.01.04/2376/2013

Tanggal : 20 Agustus 2013

Tentang :

Spesifikasi Barang
Belanja Modal Peralatan dan Mesin Berupa Alat Elektronik
Fakultas Sains dan Teknologi UIN Maulana Malik Ibrahim Malang
(kode 2132.996.003.016 MAK 532111)

No	Nama Barang	Spesifikasi	Vol.	Harga Satuan	Total
1	LCD	Native Resolution SVGA 800 x 600 Max. Resolution WUXGA (1920 x 1200) Brightness 2700 lumens Normal Mode (2200 lumens Eco Mode) Contrast Ratio 3000:1 Aspect Ratio 4:3 (Native), Supports 16:9, 16:10, Auto Zoom Ratio 1.1:1 Input Connectivity VGA x 2, S-Video, Composite, Stereo 3.5mm Mini Jack input, RS232C, USB Mini-B (for control & firmware), Stereo 3.5mm Mini Jack output, VGA Monitor Output Speaker 2W (1 x 2W) Remote Control Full Function (No laser) Video Compatibility SDTV (NTSC, PAL, SECAM, 480i, 576i), ED/HDTV (480p, 576p, 720p, 1080i, 1080p) Max. Distance	1	.....	.....

		11.9 m Min. Distance 1.5 m Power Consumption - Power consumption (High, Watts) : 235 - Power consumption (Max, Watts) : 260 Dimension 284 x 235 x 70 mm (WxDxH) Weight 2.17 kg			
2	Komputer PC	Prosesor Intel Core-i3 Processor Processor Onboard - Intel Core i3-2365M Processor (3M Cache. 1.4 GHz) Memori Standar 4GB DDR3 PC-10600 VGA Card Intel® HD Graphics Audio Integrated Hard Drive 500 GB Serial ATA, 5400 RPM Optical Drive DVD±RW <i>external</i> Networking Gigabit Ethernet Kecepatan Jaringan 10 / 100 / 1000 Mbps Keyboard Wired Keyboard	1	.....	.....

		Ragam Input Device Wired Mouse Ragam Card Reader 6 in 1 Media Reader Antarmuka / Interface • 4 x USB 2.0 • 2 x USB 3.0 • 1 x HDMI • 1 x S/PDIF+Audio In/Out • 1 x VGA Monitor 18.5" LCD Chassis Form Factor Mini Tower ATX Dimensi 155 x 192 x 22 mm			
3.	Printer	Printing Method Laser Max. Media Sizes A4 Effective Print Resolution 1,200 x 1,200 dpi Resolution Print Speed Black 20 ppm Monthly Usage Volume Up to 10,000 pages Duty Cycle PC Connectivity USB OS Compatibility • Windows : ○ Windows 2000	3	.....	.....

		○ Windows XP ○ Windows Vista ○ Windows 7 ○ Windows 2003 Server ○ Windows 2008 Server Mac OS X 10.4 - 10.7 ● Various Linux OS Compatible Processor 300 MHz Memory Standard 32 MB Language Supports SPL (Samsung Printer Language) Input Tray #1 150-sheet Media Type Plain Paper, Transparency, Envelope, Labels, Card Stock Thick, Thin, Cotton, Color, Recycled, Bond Compatible Media Sizes A4, A5, A6, ISO B5, JIS B5, Executive, Letter, Oficio, Folio, Legal, Custom Power Consumption ● 310 Watts (Printing) ● 1.2 Watts (Sleep Mode) ● 30 Watts (Standby) Dimension (WHD) 331 x 215 x 178 mm Weight 4.0 kg (8.8 lbs)			
4.	UPS	Fitur ● Automatic Voltage Regulation (AVR) menstabilkan sumber daya yang berfluktuasi ● Desain kontrol mikroprosesor memastikan reliabilitas tinggi ● Sampai enam colokan penerima, memudahkan koneksi peralatan	2	.....	.....

	• Baterai yang bisa diganti oleh pengguna memudahkan perawatan • Start-on-battery menyediakan kemampuan daya portabel • Software WINPOWER memantau kondisi daya dan mematikan aplikasi komputer secara halus sebelum baterai habis Interface • 3x C-13 Output receptacles • 1x USB 2.0 Port Softwares Available • Power Management Software (downloadable for free at powerquality.eaton.com) Output Power Capacity 800VA / 480W Output Power Voltage 230Vac Input Power Voltage 170 - 280Vac Dataline Protection 2x RJ-45 Dataline Connectors Back-Up Time Half Load 8 Minutes Back-Up Time Full Load <1 minute Dimensi (100 x 140 x 300 mm) WHD Berat 6.5 kg Form Factor Mini-tower Garansi 3-years Limited Warranty by Authorized Distributor Lain-lain			
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		Power cable not included			
5	LCD	Projection System DLP Technology Native Resolution XGA (1024 x 768) Max. Resolution Up to WUXGA 1920 x 1200 Brightness 2700 Lumens ANSI Normal Mode 2200 lumens ANSI Eco Mode Contrast Ratio 4000:1 Aspect Ratio 4:3 Native - Supports 16:9, 16:10, Auto Zoom Ratio Manual zoom and focus, 1.1:1 Lamp Type 180W UHP 5000 hours Normal Mode (6000 hours Eco Mode) Input Connectivity VGA x 2, Composite Video, S-Video, 3.5 mm stereo input, RS232C, USB B Mini (control & firmware) Output Monitor out (VGA), Audio out (3.5 mm) Speaker 2 W mono Video Compatibility SDTV (NTSC, PAL, SECAM, 480i, 576i), ED/HDTV (480p, 576p, 720p, 1080i, 1080p) Power Consumption - Power consumption (High, Watts) : 235 - Power consumption (Max, Watts) : 260	1		

		Dimension 284 × 235 × 70 mm (W×D×H) Weight 4.8 lbs / 2.17 kg (Estimated)			
6	printer	Printing Method Laser Max. Media Sizes A4 Max. Resolution Effective Print Resolution 1,200 x 1,200 dpi Resolution Print Speed Black 20 ppm Monthly Usage Volume Up to 10,000 pages Duty Cycle PC Connectivity USB, Wireless OS Compatibility • Windows : ○ Windows 2000 ○ Windows XP ○ Windows Vista ○ Windows 7 ○ Windows 2003 Server ○ Windows 2008 Server • Mac OS X 10.4 - 10.7 • Various Linux OS Compatible Processor 300 MHz Memory Standard 32 MB	1	.....	.....

		Language Supports SPL (Samsung Printer Language) Input Tray #1 150-sheet Media Type Plain Paper, Transparency, Envelope, Labels, Card Stock Thick, Thin, Cotton, Color, Recycled, Bond Compatible Media Sizes A4, A5, A6, ISO B5, JIS B5, Executive, Letter, Oficio, Folio, Legal, Custom Power Consumption • 310 Watts (Printing) • 1.2 Watts (Sleep Mode) • 30 Watts (Standby) Dimension (WHD) 331 x 215 x 178 mm Weight 4.0 kg (8.8 lbs) Consumables Toner : MLT-D101S Others • Noise Level : ◦ Less than 50 dBA (Printing) ◦ Less than 26 dBA (Standby) Up to 10-sheet Envelope Capacity			
7	Laptop	Platform Notebook PC Processor Intel Core i3 Processor Processor Onboard Intel® Core™ i3-3217U Processor (1.80 GHz, Cache 3MB) Chipset Intel® HM76	1	.....	.....

		Memori Standar 4 GB DDR3 PC-12800 Video Type Intel® HD Graphics 4000 Ukuran Layar 13.3" WXGA Max. Resolusi Layar 1366 x 768 Teknologi Layar LED backlight • <i>Touchscreen</i> Audio Integrated • <i>SonicMaster</i> Speaker Integrated Hard Drive Type 500 GB Serial ATA 5400 RPM Networking Gigabit NIC Kecepatan Jaringan 10 / 100 / 1000 Mbps Wireless Network Type Integrated Wireless Network Protocol IEEE 802.11b, IEEE 802.11g, IEEE 802.11n Wireless Bluetooth Available • <i>Bluetooth 4.0</i> Keyboard Standard Keyboard			
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		Ragam Input Device Touch Pad Card Reader Provided SD Card Reader Antarmuka / Interface • 2 x USB 2.0 • 1 x USB 3.0 • 1 x COMBO audio jack • 1 x VGA port/Mini D-sub 15-pin for external monitor • 1 x RJ45 LAN Jack for LAN insert • 1 x HDMI Sistem Operasi Microsoft Windows 8 Baterai • Baterai 3-Cell Li-ion Polymer Daya / Power External AC Adapter Dimensi (PTL) 33.1 x 23.4 x 2.13 cm (WxDxH) Berat 1.76 kg			
8	Printer	Platform Multifunction Printing Method InkJet Printing Technology HP Thermal Inkjet Max. Media Sizes A4 Max. Resolution 4800	5	.....	.....

	Effective Print Resolution • Colour : Up to 4800 x 1200 optimized dpi from 1200 dpi input data when printing from a computer on photo paper • Black and white : Up to 600 dpi Print Speed Black 20 ppm Print Speed Color 16 ppm Monthly Usage Volume Up to 1000 pages Duty cycle (monthly, A4) PC Connectivity USB OS Compatibility Microsoft® Windows® 7, Windows Vista®, Windows® XP SP3 or higher (32-bit only), Mac OS X v10.6, v10.7 Language Supports HP PCL 3 GUI Input Tray #1 60 Sheets Media Type Paper (brochure, inkjet, plain), photo paper, envelopes, labels, cards (greeting), transparencies Compatible Media Sizes Standard: Letter, Legal, 4 x 6 in, 5 x 7 in, 8 x 10 in, No. 10 envelopes, A4 (210 x 297 mm), B5 (176 x 250 mm), A5 (148 x 210 mm), A6 (105 x 148 mm), DL envelope (220 x 110 mm) Copier Function • Copy speed ◦ Black : Up to 5 cpm ◦ Colour : Up to 3 cpm • Copy resolution ◦ Black : Up to 600 optimised dpi (from 300 dpi input); ◦ Colour : Up to 600 optimised dpi (from 300 dpi input)			
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		- Maximum Copies : Up to 19 copies Scanner Function - Type : Flatbed - Resolution: Up to 1200 dpi - Maximum document size: 216 x 297 mm - Bit Depth : 24 bit Power Consumption 10 watts maximum, 10 watts (Active), 0.3 watts (Auto-Off, Manual-Off), 1.3 watts (Sleep), 2.3 watts (Standby) AC Adapter Requirements: Input voltage 100 to 240 VAC (+/- 10%); 50/60 Hz (+/- 3 Hz), Power supply tipe : External Dimension (WHD) 431.4 x 438.9 x 251.6 mm (WxHxD) Weight 3.9 kg Garansi 3-year Limited Warranty by Authorized Distributor			
9	Komputer PC	Platform Desktop PC Prosesor Intel Core-i3 Processor Processor Onboard Intel® Core™ i3-3220 Processor (3.3 GHz, Cache 3MB) Chipset Intel B75 Chipset Memori Standar 4GB DDR3 PC-12800 Max. Memori 16GB (4x4GB) Memori Slot	5	.....	.....

		4 VGA Card Intel® HD Graphics Audio Integrated Speaker Integrated Hard Drive 500GB Serial ATA, 7200RPM Optical Drive DVD±RW Networking Gigabit Ethernet Kecepatan Jaringan 10 / 100 / 1000 Mbps Keyboard USB Keyboard Ragam Input Device USB Optical Mouse Ragam Slot 2x PCI; 1x PCI Express x1; 1x PCI Express x16 Antarmuka / Interface • Front ○ 2 x USB 2.0 ○ 1 x Microphone ○ 1 x Headphone • Back ○ 4 x USB 3.0 ○ 2 x USB 2.0 ○ 1 x VGA ○ 1 x RJ45			
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		○ 1 x Microphone ○ 1 x Audio Line in ○ 1 x Audio line out ○ 1 x Serial & Parallel Port Monitor 18.5" LCD Chassis Form Factor Tower Power Supply 280 W Dimensi 160 x 400x 397 mm (WxDxH) Berat 7.5kg			
10	LCD	Projection System LCD Technology Native Resolution XGA (1024 x 768) Brightness 3000 Lumens ANSI Contrast Ratio 2500:1 Projection Lens Manual focus, F 2.10–2.25, f 19.11-22.94 mm Zoom Ratio 1.2x manual zoom Lamp Type 230 W × 1, lamp replacement cycle (lamp power: High, Normal/Eco): 3,000 hours/4,000 hours Input Connectivity • Computer IN 1/S-VIDEO IN :	2	.....	.....

		○ D-sub HD 15-pin (female) x 1 (RGB/YPBPR/YCBCR/S-VIDEO x 1) (The D-Sub/S-VIDEO conversion cable ET-ADSV is required for inputting S-VIDEO signals.) • Video In : ○ RCA pin x 1 (Composite Video) • Audio On : RCA pin x 2 (L-R x 1) for VIDEO input • Computer Audio In : M3 x 1 (L-R x 1) • Serial In : D-sub 9-pin (male) x 1 for external control (RS-232C compliant) • LAN : ○ RJ-45 x 1 (for network connection, 10Base-T/100Base-TX, compliant with PLink™ (class 1)) Output • Computer IN 2/Monitor Out : ○ D-sub HD 15-pin (female) x 1 (RGBx1), (input/output selectable using on-screen menu) (When Monitor Out is selected, the Computer IN 1 signal is output.) Speaker 3.2 cm round shape x 1, output power: 1 W (monaural) Power Supply 100-240 V AC, 50/60 Hz Power Consumption 297 W (0.47 W in Eco standby mode*1, 8.6 W in Network standby mode.) Dimension 349 x 105 x 247 mm (13.7" x 4.1" x 9.7") (with legs at shortest position, not including protruding parts) (WxHxD) Weight Approximately 2.99 kg			
11	Printer	• Teknologi Inkjet • Fungsi Print, Scan, Copy • Layar 1 line mono LCD	1	.....	.....

		• Koneksi USB 2.0 Hi-Speed , Wireless LAN • Kecepatan Cetak Up to 33 (Monochrome) / 27 (Colour) ppm (Based on Fast Mode) Up to 5.0 (Monochrome) / 5.0 (Colour) ppm (Based on ISO/IEC 24734*) • Resolusi Pencetak Up to 1,200 x 6,000 dpi (Vertical x Horizontal) • Multi Copy Up to 99 copies • Perbesar / Pengecilan 25% - 400% in 1% increments • Resolusi Copy Up to 1,200 x 1,200 dpi (Monochrome) / Up to 600 x 1,200 dpi (Colour) • Kecepatan Copy Up to 22 (Monochrome) / 20 (Colour) cpm • Input Kertas Up to 100-sheets • Ukuran Kertas A4, Letter, A5, A6, Executive, Legal, Photo 4X6" (102X152mm), Index Card (127x203mm), Photo-2L (127x178mm), C5 Envelope, Com-10, DL Envelope, Monarch • Kemampuan Memindai / Scan Colour & Monochrome • Output Kertas Up to 50-sheets • Resolusi Memindai Up to 1,200 x 2,400 dpi • Resolusi Memindai Interpolasi Up to 19,200 x 19,200dpi • Driver Printer Windows Windows® XP Home Edition, XP Professional Edition, XP Professional x64 Edition, Windows® Vista, Windows® 7 • Fitur Memindai E-mail, Image, File • Driver Printer Macintosh Mac OS® X 10.5.8, 10.6.x and 10.7.x • Dimensi W x D x H 390 x 368 x 150mm •  Berat 6.8kg (10kg dgn kardus)			
12	PC	Platform Desktop PC Prosesor Intel Core-i3 Processor Processor Onboard Intel® Core™ i3-3220 Processor (3.3 GHz, Cache 3MB) Chipset Intel® H61	1	.....	.....

		Memori Standar 2 GB DDR-3 Max. Memori 8GB (2 x 4GB) Memori Slot 2 VGA Card NVIDIA® GeForce GT 620 1GB Audio Integrated Speaker Integrated Storage Controller Serial ATA Hard Drive 500GB Serial ATA, 7200RPM Optical Drive DVD±RW Networking Gigabit LAN • <i>Bluetooth 4.0</i> • <i>IEEE 802.11a, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n</i> Kecepatan Jaringan 10 / 100 / 1000 Mbps Keyboard HP USB Standard Keyboard Ragam Input Device USB Optical Mouse Ragam Card Reader 6 in 1 Media Reader			
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		Antarmuka / Interface 4x USB 2.0, 2x USB 3.0, VGA(D-Sub), HDMI, DVI-D, LAN, Audio Chassis Form Factor Mini Tower ATX Power Supply 300w Dimensi 376 x 360 x 165 mm			
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a.n. Rektor/ Kuasa Pengguan Anggaran
Dekan/ Pejabat Pembuat Komitmen,



Dr. Drh. Bayyinatul Muchtaromah, M.Si
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