

Naručilac: Prirodno-matematički fakultet  
Mjesto i datum: Podgorica, 24.10.2019.godine  
Broj: 01-6

Na osnovu člana 30 Zakona o javnim nabavkama („Službeni list CG“, br. 42/11, 57/14, 28/15 i 42/17) i Pravilnika o sadržaju akta i obrascima za sprovođenje nabavki male vrijednosti (“Službeni list Crne Gore” br. 049/17 od 27.07.2017., 054/17 od 24.08.2017), Prirodno-matematički fakultet dostavlja

### ZAHTJEV ZA DOSTAVLJANJE PONUDA ZA NABAVKE MALE VRIJEDNOSTI

#### I Podaci o naručiocu

Naručilac: Prirodno-matematički fakultet	Lice/a za davanje informacija: Nina Rubežić
Adresa: Bulevar Džordža Vašingtona bb	Poštanski broj: 81000
Sjedište: Podgorica	PIB: 02016702
Telefon: 020/245-204	Faks: 020/244-608
E-mail: pmf@ac.me	Internet stranica: <a href="http://www.pmf.ac.me">www.pmf.ac.me</a>

#### II Predmet nabavke:

radovi

#### III Opis predmeta nabavke:

Kompjuterska oprema: preko 1000 eura  
Prenosivi kompjuteri- 30213100-6  
Serveri- 48820000-2

#### IV Procijenjena vrijednost nabavke: 12715.00 eura

Procijenjena vrijednost nabavke sa uračunatim PDV-om 12715,00 eura

**V TEHNIČKE KARAKTERISTIKE ILI SPECIFIKACIJE PREDMETA  
JAVNE NABAVKE, ODNOSNO PREDMJER RADOVA**

R.B	Opis predmeta nabavke, odnosno dijela predmeta nabavke	Bitne karakteristike predmeta nabavke u pogledu kvaliteta, preforamnsi, i/ili dimenzija	Jednica mjere	Količina	Procjena vrijednosti
1	Štampač  <b>NAPOMENA:</b>  <b>HITNO!</b>	Referentni model: HP LaserJet enterprise 700 M712  Functions Print Printer page yield Declared yield value for black cartridge in accordance with ISO/IEC 19752. Actual yields vary considerably based on images printed and other factors. For more information, visit <a href="http://hp.com/go/learnaboutsupplies">hp.com/go/learnaboutsupplies</a> First page out (ready) black As fast as 10.5 sec Resolution (black) Up to 1200 x 1200 dpi Resolution technology HP ProRes 1200, HP FastRes 1200, HP REt, 600 dpi, 300 dpi Monthly duty cycle Up to 100,000 pages [2] Print Technology Laser Number of print cartridges 1 (black) Replacement cartridges HP 14A Black LaserJet Toner Cartridge (~10,000 yield) CF214A; HP 14X Black LaserJet Toner Cartridge (~17,500 yield) CF214X Print languages PCL 6, PCL 5, postscript 3 emulation, native PDF printing (v 1.4)	Kom	1	2300

	<p>Paper trays, standard min 2  Paper trays, maximum 6  Connectivity, standard  Ports  1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000 Base-T; 1 Hi-Speed USB 2.0 USB 3.0 Easy Access USB; 1 Hardware Integration Pocket (HIP)</p> <p>Security management  Management security: SNMPv3, SSL/TLS, WPA2-Enterprise, 802.1X authentication (EAP- PEAP, EAP-TLS), IPP over TLS, IPsec/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos Authentication; Support for WJA-10 IPsec Configuration using IPsec Plug-in</p> <p>Minimum system requirements  Mac OS X v10.6, 10.7; 200 MB available hard disk space; operating system compatible hardware system requirements, see apple.com  Windows 10, Windows 8, Windows 7, Windows Vista, Windows XP (SP2+), Windows Server 2003 (SP1+), Windows Server 2008, Windows Server 2008 R2; 200 MB available hard disk space; operating system compatible hardware system requirements, see <a href="http://www.microsoft.com">http://www.microsoft.com</a></p> <p>Compatible operating systems  Windows 10, Windows 8, Windows 7, Windows Vista, Windows XP (SP2+), Windows Server 2003 (SP1+), Windows Server 2008 (32 and 64-bit), Windows Server 2008 R2 (64-bit); Mac OS X v10.6, 10.7; For the latest operating system support see: Citrix and Windows Terminal Services (<a href="http://www.hp.com/go/upd">http://www.hp.com/go/upd</a>); Novell (<a href="http://www.novell.com/iprint">http://www.novell.com/iprint</a>); Linux</p>			
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(<http://www.hplip.net>);  
UNIX (<http://www.hp.com/go/unix>,  
<http://www.hp.com/go/unixmodelscripts>,  
[http://www.hp.com/go/jetdirectunix\\_software](http://www.hp.com/go/jetdirectunix_software)); SAP device types  
(<http://www.hp.com/go/sap/drivers>,  
<http://www.hp.com/go/sap/print>); HP  
ePrint Mobile Driver  
(<http://www.hp.com/go/eprintmobiledriver>  
)

Memory, standard  
512 MB

Memory, maximum  
1 GB

Printer management

HP Web Jetadmin, HP Utility (Mac)

Print speed, color (draft)

Measured using ISO/IEC 24734, excludes  
first set of test documents. For more  
information see

[hp.com/go/printerclaims](http://hp.com/go/printerclaims). Exact speed  
varies depending on the system  
configuration, software  
application, driver, and document  
complexity.

Supported network protocols

IPv4/IPv6: Apple Bonjour Compatible  
(Mac OS v10.2.4 or higher),

SNMPv1/v2c/v3, HTTP,

HTTPS, FTP, TFTP, Port 9100, LPD, WS  
Discovery, IPP, Secure-IPP,

IPsec/Firewall; IPv6:

DHCPv6, MLDv1, ICMPv6; IPv4: Auto-  
IP, SLP, Telnet, IGMPv2, BOOTP/DHCP,  
WINS, IP

Direct Mode, WS Print

Hard disk

None

Paper handling input, standard

100-sheet multipurpose tray, 2 x 250-sheet  
input trays

Paper handling output, standard

250-sheet output bin

Duplex printing

Manual (driver support provided)

		<p>Finished output handling Sheetfed Media sizes supported Tray 1, 2: A3; A4; A5; B4 (JIS); B5 (JIS); Tray 3: A3; A4; A5; B4 (JIS); B5 (JIS) Media sizes, custom Tray 1: 3 x 5 to 12.3 x 18.5 in; Tray 2: 5.8 x 8.3 to 11.7 to 14.3 in; Tray 3: 5.8 x 8.3 to 11.7 to 17 in Media types Paper (color, letterhead, light, plain, preprinted, prepunched, recycled, rough, tough paper), bond, cardstock, envelope, labels, transparency, vellum Supported media weight Tray 1: 16 to 53 lb; Tray 2, 3: 16 to 32 lb Media weights by paper path Tray 1: 60 to 199 g/m<sup>2</sup>; Tray 2, 3: 60 to 120 g/m<sup>2</sup>  Print speed, black (normal) Up to 40 ppm</p>			
2	Originalni toner za stavku 1.		Kom	1	300
2	MFP printer (St.sluzba, biblioteka, Nina Rubežić, Biologija)	<p>Referentni model: MFP HP LaserJet Pro MFP M130fn (G3Q59A) Functions Print, copy, scan, fax First page out (ready) black As fast as 7.3 sec Resolution (black) Up to 600 x 600 dpi, HP FastRes 1200 (1200 dpi quality) Resolution technology HP FastRes 600, HP FastRes 1200 Monthly duty cycle Up to 10,000 pages Recommended monthly page volume 150 to 1500 [10] Print Technology Laser Display 2.7 in touch screen, LCD (color graphics) Number of print cartridges</p>	Kom	4	1200

1 Black  
 Replacement cartridges  
 HP 17A Original Black LaserJet Toner  
 Cartridge CF217A(~1600), HP 19A  
 Original LaserJet  
 Imaging Drum CF219A(~12000). [5]  
 Print languages  
 PCLmS, URF, PWG

Automatic paper sensor  
 No  
 Paper trays, standard  
 1  
 Paper trays, maximum  
 1  
 Mobile Printing Capability  
 Apple AirPrint™; HP ePrint; Google  
 Cloud Print 2.0; Mopria-certified; Wi-Fi  
 Direct; HP Smart  
 App  
 Connectivity, standard  
 Hi-Speed USB 2.0 port (device); built-in  
 Fast Ethernet 10/100Base-TX network  
 port; Phone line  
 port (in/out), wireless  
 Connectivity, optional  
 No  
 Network ready  
 Standard (built-in Ethernet, Wi-Fi  
 802.11b/g/n)  
 Ports  
 1 Hi-Speed USB 2.0 (device); 1 Ethernet  
 10/100Base-TX; 1 phone line (in); 1  
 phone line (out)  
 Security management  
 Password-protected network embedded  
 Web server; enable/disable Network ports;  
 SNMPv1  
 community password change  
 Minimum system requirements  
 Apple® OS X El Capitan (v10.11) OS X  
 Yosemite (v10.10) OS X Mavericks  
 (v10.9); 1 GB HD;  
 Internet required; USB  
 Windows® 10, 8.1, 8, 7: 32-bit or 64-bit, 2  
 GB available hard disk space, CD-

		<p>ROM/DVD drive or Internet connection, USB port, Internet Explorer; Windows Vista®: (32-bit only), 2 GB available  hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer 8;  Windows® XP SP3 or higher (32-bit only): any Intel® Pentium® II, Celeron® or 233 MHz</p> <p>compatible processor, 850 MB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer 8  Compatible operating systems  Windows® 10, 8.1, 8, 7: 32-bit or 64-bit, 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer; Windows Vista®: (32-bit only), 2 GB available  hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer 8;  Windows® XP SP3 or higher (32-bit only): any Intel® Pentium® II, Celeron® or 233 MHz  compatible processor, 850 MB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer 8;  Apple® OS X El Capitan (v10.11) OS X Yosemite (v10.10) OS X Mavericks (v10.9), 1 GB HD; Internet required; USB; Linux (For more information, see <a href="http://hplipopensource.com/hplip-web/index.html">http://hplipopensource.com/hplip-web/index.html</a>)</p> <p>Memory card compatibility  No  Memory, standard  256 MB  Memory, maximum  256 MB  Printer management</p>			
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		<p>HP Printer Assistant (UDC); HP Device Toolbox; HP Utility (Mac)</p> <p>Supported network protocols  TCP/IP: IPv4; IPv6; IP Direct Mode; LPD;  SLP; Bonjour; WS-Discovery; BOOTP/  DHCP/ AutoIP;  WINS; SNMP v 1/2/3; and HTTP/HTTPS</p> <p>Hard disk  No</p> <p>Paper handling input, standard  150-sheet input tray</p> <p>Paper handling output, standard  100-sheet output tray</p> <p>Duplex printing  Manual duplex</p> <p>Envelope input capacity  Up to 10</p> <p>Media sizes supported  A4; A5; A6; B5 (JIS)</p> <p>Media sizes, custom  3 x 5 to 8.5 x 14 in</p> <p>Media types  Paper (laser, plain, photo, rough, vellum),  envelopes, labels, cardstock, postcards</p> <p>Supported media weight  16 to 43 lb</p> <p>Media weights by paper path  60 to 163 g/m<sup>2</sup></p> <p>Power  110-volt input voltage: 110 to 127 VAC  (+/- 10%), 60 Hz/50 Hz, 4.8 A</p> <p>Print speed, black (normal)  Up to 23 ppm</p>			
3.	Originalni toner za stavku 2		Kom	4	300
4.	Desktop računar (4 za računarske sale, rezervni)	<p>Procesor min passmark CPU mark (PassMark) 4000, 8GB DDR4 RAM, min 500 GB, garancija min 2 godine.</p> <p><b>Napomena:</b> bez operativnog sistema.</p>	Kom	4	1200
5.	Monitori	Referentni model: Min. 23 inch, LED, VGA, HDMI rezolucija min 1920x1080 HD. Garancija min. 2 godine.	Kom	5	1000
6.	Desktop	Procesor min passmark CPU mark	Kom	5	2000



	računar za profesore u kancelarijama Danko Obradović, David Kaljaj,	(PassMark) 4000, 8GB DDR4 RAM, min 500 GB, garancija min 2 godine. Windows 10 operativni sistem			
7.	VGA kabal	Standardna dužina za monitor max 2m	Kom	10	50
8.	UTP fly kabal	Dužina 1m	Kom	100	100
9.	UTP fly kabal	Dužina 0.5m	Kom	100	100
10.	UTP fly kabal	Dužina 5m	Kom	50	50
11.	Miš i tastatura	USB	Kom	50	500
13.	2.5" disk	SSD, 1TB, SATA III V-NAND	Kom	3	450
14.	Laptop	Referentni uređaj: MacBook Air 13" Retina 128GB SSD  1.6GHz dual-core Turbo Boost up to 3.6GHz 128GB SSD 8GB of 2133MHz LPDDR3 Intel UHD Graphics 617 13,3" IPS ekran sa pozadinskim LED osvjetljenjem Rezolucija 2560 x 1600 piksela Touch ID Dva Thunderbolt 3 ulaza  Operativni sistem MacOSX	Kom	1	1400
15.	Laptop	Laptop, 15.6 inch, minimalna rezolucija 1920x1080 , procesor min average cpu mark 8200 4 cores/8 threads, , min 8GB DDR4 RAM, min 500GB SSD, minimum integrisana grafička kartica, minimum 3 godine garancije.	Kom	1	850
16.	Fioka za hard disk za laptop 9.5mm	Zamjena za dvdrw su208fb	Kom	1	15
17.	Switch (Biologija, kancelarije u južnom krilu zgrade)	Neupravljivi gigabitni 48-port switch, rack mountable.	Kom	2	400
18.	Portabilni SSD disk	Tip diska: SSD Kapacitet: 1 TB	Kom	1	200

	Srdjan	Port: USB 3.1 Gen 2 Enkripcija: AES 256 bit Garancija: 36 mjeseci			
19.	Djelovi za stampac 220V (printer sala)	B3M78A HP LaserJet 220V Maintaince kit 225 000 pages	Kom	1	300

#### VI Način plaćanja

Način plaćanja je virmanski, 15 dana od dana ispostavljanja facture.

#### VII Rok isporuke robe, izvođenja radova, odnosno pružanja usluge:

Rok isporuke: sukcesivno, prema potrebama naručioca u roku od 365 dana do utroška iznosa procijenjene vrijednosti.

#### VIII Kriterijum za izbor najpovoljnije ponude:

Najniža ponuđena cijena ..... 100 bodova

*Vrednovanje ponuda po kriterijumu najniže ponuđena cijena vršiće se na sljedeći način:*

Za izbor najpovoljnije ponude, primjenom kriterijuma najniža ponuđena cijena, kao osnova za vrednovanje, uzimaju se ponuđene cijene, date od strane ponuđača, čije su ponude ispravne.

Najniža cijena dobija maksimalni broj bodova (100 bodova)

Ponuđaču koji ponudi najnižu cijenu dodjeljuje se maksimalan broj bodova, dok ostali ponuđači dobijaju proporcionalni broj bodova u odnosu na najnižu ponuđenu cijenu, prema formuli:

$$\frac{\text{najniža ponuđena cijena}}{\text{ponuđenu cijenu}} \times \text{maksimalni broj bodova} = \text{ukupan broj bodova}$$

#### IX Rok i način dostavljanja ponuda

Ponude se predaju radnim danima od **25.09.2019. godine od 08 do 14 sati, zaključno sa danom 01. 11. 2019. godine do 12 sati.**

Ponude se mogu predati:

- neposrednom predajom na arhivi naručioca na adresi Bulevar Džordža Vašingtona bb
- Preporučenom pošiljkom sa povratnicom na adresi Bulevar Džordža Vašingtona bb

#### **X Rok za donošenje obavještenja o ishodu postupka**

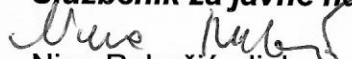
Obavještenje o ishodu postupka donijeće se u roku od 20 dana od dana određenog za dostavljanje ponuda

#### **XI Druge informacije**

Ponuđač je dužan dostaviti:


- Rješenje iz CRPS da je registrovan za pružanje predmetnih usluga (dokaz o registraciji kod organa nadležnog za registraciju privrednih subjekata sa podacima o ovlašćenim licima ponuđača);
  - Popunjene obrasce koje priprema ponuđač,
  - Ponuđač dostavlja ponudu sa cijenom/ama izraženom u EUR-ima u skladu sa članom 13 Zakona o javnim nabavkama.
  - U ponuđenu cijenu uračunavaju se svi troškovi i popusti na ukupnu ponuđenu cijenu, sa posebno iskazanim PDV-om, u skladu sa zakonom.
  - Ponuđena cijena/e piše se brojkama.
  - Ponuđena cijena/e izražava se za cjelokupni predmet nabavke male vrijednosti .
  - Ponude primljene nakon isteka roka neće biti razmatrane.
  - Za izbor najpovoljnije ponude dovoljna je i jedna pristigla ponuda koja zadovoljava sve uslove navedene u zahtjevu za dostavljanje ponuda.
  
  - Za izbor najpovoljnije ponude dovoljna je jedna pristigla ponuda koja zadovoljava, sve uslove navedene u Zahtjevu za dostavljanje ponuda.
  - -Ponuđena cijena/e izražava se za cjelokupni predmet nabavke male vrijednosti, a ukoliko je predmet nabavke male vrijednosti određen po partijama za svaku partiju za koju se podnosi ponuda dostavlja se posebno Finansijski dio ponude.
  - -Ponuda mora biti dostavljena u pisanom obliku, na crnogorskom jeziku, u zatvorenoj koverti na kojoj na prednjoj strani mora biti tekst „ PONUĐA-NE OTVARAJ”, naziv i broj zahtjeva za nabavke male vrijednosti, a na poleđini naziv, broj telefona i adresa ponuđača.
- Naručilac će dostaviti ponuđačima putem e-mail-a, pri čemu je Zahtjev objavljen I na internet stranici Naručioca.

**Službenik za javne nabavke**

  
Nina Rubežić, dipl.pravnik

M.P.

**Dekan**

  
Prof. dr. Predrag Mirahović