



Estd. – 2009

A Government Engineering College

E-mail – pmeccbam@gmail.com

Website – www.pmecc.ac.in

PARALA MAHARAJA ENGINEERING COLLEGE

(A constituent college of Biju Patnaik University of Technology, Odisha, Rourkela)

SITALAPALLI: BERHAMPUR: DIST.: -GANJAM: PIN – 761003

CONTACT NO: 9437493950, 8456823007

NATIONAL COMPETITIVE BIDDING FOR THE SUPPLY OF EQUIPMENTS

REFERENCE : **TEQIP-III/2018/pmec/Shopping/2**

Printer Specifications

Sl. No.	Features	Specifications
1	Print and copy speed	50 ppm
2	Features	
2.1	Copy	Up to 999 multiple copies, reduce/enlarge from 25 to 400% (from scanner glass), two-sided copying, contrast adjustments, image adjustment, content orientation, N- up, optimize text/picture, crop, move, hide
2.2	Scanning	Color flatbed scanner and ADF, up to 11.7 by 17 in; scan input modes: front-panel scan, copy, fax (optional), e- mail; file types: PDF, JPG, TIFF, MTIFF
2.3	Digital sending	Standard: scan to e-mail; send to folder, authentication, send to LAN Fax, send to printer, send to application; file types: PDF, JPG, TIF, MTIF
3	Memory	Min 256 MB/ Min 40GB Hard disk
4	Duty Cycle	Upto 300,000 per month
4.1	Recommended Volume	15000-50,000 per month
5	Paper	
5.1	Input	100-sheet automatic document feeder (ADF), 100-sheet multipurpose tray 1, 500-sheet trays 2 and 3, 2,000- sheet tray 4
5.2	Output	3,000-sheet stacker
5.3	Duplex printing	Automatic
5.4	Sizes	ADF: letter, legal, executive, tabloid; 5.8 by 8.3 in to 11.7 by 17 in; Multipurpose tray 1: letter, legal, executive, tabloid, JPostD; 3.9 by 7.5 in to 12.3 by 18.5 in; Trays 2, 3, and 4: letter, letter-R, legal, executive, tabloid; 5.8 by 8.3 in to 11.7 by 17 in; Duplex: letter, letter-R, legal, executive, tabloid

5.5	Types	Paper (bond, color, letterhead, plain, preprinted, prepunched, recycled, rough), transparencies, labels, cardstock
6	Connectivity	
6.1	Interfaces	Hi-Speed USB 2.0 device port, Gigabit Ethernet, 1 open EIO slot, 1 Foreign Interface Harness
6.2	Client operating systems	Windows 2000/XP/Vista/Win7/2003 Server/2008 Server/Mac OS X 10.4 - 10.6/Various Linux OS
6.3	Network Protocols	IPv4/IPv6: Apple Bonjour compatible (Mac OS 10.2.4 and later), SNMPv1/v2c/v3, HTTP, HTTPS, FTP, Port 9100, LPD, IPP, Secure-IPP, WS Discovery, IPSec/Firewall; IPv6: DHCPv6, MLDv1, ICMPv6; IPv4: Auto-IP, SLP, TFTP, Telnet, IGMPv2, BOOTP/DHCP, WINS, IP Direct Mode, WS Print; Other: IPX/SPX, AppleTalk, NetWare NDS, Bindery, NDPS, iPrint
7	Security	Management security: SNMPv3, SSL/TLS (HTTPS), 802.1X Authentication (EAP- PEAP, EAP-TLS), IPSec/Firewall with Kerberos, Certificate, and PreShared Key Authentication
7.1	Secure Print Authentication	Min. 1000 users/PIN codes to be recognized per MFP. The PIN codes and user lists can be securely stored on every MFP hard drive and validated against LDAP and/or Active Directory upon authentication through front screen touch panel of printer.
7.2	Authenticate for MFP applications	The administrator should be capable of defining MFP functions that users must enter their PIN code to access. Upon PIN code validation, the MFP recognizes the user name, login, and email address. That information is then used by the MFP application such as email sending (FROM field), copy tracking, or secure printing to reclaim the print jobs.
7.3	Compatible with all MFP functions	Authentication should apply to email, copy, print jobs, scan to folder, job tracking etc.

Antivirus

DESCRIPTIONS/SPECIFICATIONS of ANTI VIRUS SOFTWARE: 5 Users

1. The software should be capable of detecting and cleaning all types of malware, Viruses, worms, trojans, ad ware, spy ware, phishing, potentially pack unwanted and unsafe applications and application intrusions using a single inbuilt virus scanning engine.
2. Software should have Proactive Detection feature.
3. The software should not affect the system resources with less consumption of system resources which include RAM, CPU and H.D Space utilization.

4. Must scan and block threats originating from Floppy disks, CD ROMs, USBs and Network Drives automatically in real-time when accessed.
5. Detect and remove infected files on the fly in real time.
6. Should not have file size restriction in real time and On Demand Scanning.
7. Allow / prevent the concerned I.T Personnel to change the settings of antivirus by password protecting the software.
8. UPDATES SHOULD BE AVAILABLE ONLINE FOR THREE YEARS.
9. Any other as per requirement of the project and must support Windows 7, 8 and 10.

Inverter/ Online UPS

1- Nos of Standard Make 2-3KVA online UPS

With minimum backup for 4 hrs. of Battery Back- UP time.

Preferable from suppliers who have been in service for more than 5 Years.

AMC contract of minimum 5 years post warranty is desirable.

Laptop Specifications

SPECIFICATIONS	WINDOWS PC	APPLE MACINTOSH
Operating System	MINIMUM Windows 8 or 8.1 RECOMMENDED Windows 10 Home or Pro Microsoft Office 2016 can be downloaded for FREE, please visit go.du.edu/office365	Macintosh OS 10.10.5 or higher Microsoft Office 2016 can be downloaded for FREE, please visit go.du.edu/office365
Productivity Tools	Microsoft Office 2016 can be downloaded for FREE, please visit go.du.edu/office365	Microsoft Office 2016 can be downloaded for FREE, please visit go.du.edu/office365
Windows Emulation Software (check with academic advisor)	N/A	Please contact the IT Help Center to discuss your options before purchasing a Mac needing Windows.
Processor Type	MINIMUM Core i5 Processor RECOMMENDED Core i7 Processor	MINIMUM Core i5 Processor RECOMMENDED Core i7 Processor
Memory	MINIMUM 8 GB RAM or higher	MINIMUM 8 GB RAM or higher
Hard Drive	MINIMUM 250 GB SSD Hard Drive is Desirable RECOMMENDED 500 GB or higher	MINIMUM 250 GB* SSD Hard Drive is Desirable RECOMMENDED 500 GB or higher
Graphics Card	MINIMUM 512 MB Video Memory or higher	MINIMUM 512 MB Video Memory or higher
Warranty	4 year parts and labor (on-site strongly recommended)	3 year parts and labor AppleCare

Insurance
Virus Protection
Software

Comprehensive breakage, theft, liquid spill, hazard (*strongly recommended*)

Standard total solution is desirable

Internet Dongle

Standard Wifi dongle with option to connect via usb cable

Portable Storage Device

Sl No	Item	Qty
1	Portable Hard Disk 2 GB of WD/ Seagate/ Sony/ HP USB 3.0	2
2	OTG Pendrive 64gb WD/ Seagate/ Sony/ HP/ Sandisk USB 3.0	4

-sd-

Procurement Co-ordinator

TEQIP Cell

PMEC BAM