

Desktop-PC

Sl.No	ITEM NAME	SPECIFICATION	Unit	Rate	Remarks
22	Desktop (Low-End)	Processor:			
		Intel Core i3-7350k (4MB Cache, 4.20GHz) Processor			
		Memory (RAM):			
		4GB-8GB DDR3 SDRAM 1600MHz			
		L3 Cache-3MB			
		Memory (Graphics):			
		Integrated Intel HD graphics			
		Disk Drives (HDD/FDD/CD/DVD):			
		500GB SATA Hard Drive 7200 RPM, DVD+/-RW drive with burner			
		Networking:			
		Integrated Gigabit Network Card			
		Modem:			
		Internal modem (optional)			
		Multimedia:			
		Integrated HD Audio with internal speaker			
		Keyboard and Mouse:			
		USB Keyboard, USB optical mouse with Pad			
		Ports/Slots:			
		6 USB 2.0, 1 Serial port, 2 PS/2, 1 RJ-45, 1 VGA & etc			
		Networking:			
	Integrated intel 82579LM ethernet controller, Fast ethernet datalink				
	Display:				
	20" Flat Panel Display				
	Preinstalled Softwares:				

	<p>Operating System: Activated Windows 7/10 Professional 32/64-bit Media CD & System Recovery CD. Preinstalled MS Office 2010 Package and Microsoft Security Essential Software and updated drivers.</p>			
23	<p>Processor: Intel® Core™ i5 - 7500 Processor (6M Cache, 3.80 GHz)</p> <p>Memory (RAM): 4GB-16GB DDR3-1066/1333</p> <p>Memory (Graphics): Integrated Intel HD graphics</p> <p>Disk Drives (HDD/FDD/CD/DVD): 500GB - 1TB SATA Hard Drive 7200 RPM, Bluray, DVD+/-RW drive with burner software</p> <p>Networking: Integrated Gigabit Network Card</p> <p>Modem: Internal modem (optional)</p> <p>Multimedia: Integrated HD Audio with internal speaker</p> <p>Keyboard and Mouse: (wire or wireless) Keyboard and mouse with pad ***Should provide mouse pad</p> <p>Ports/Slots: 7 USB 2.0, 1 Serial port, 2 PS/2, 1 RJ-45, 1 VGA & etc</p> <p>Display: 20" Flat Panel Display</p> <p>Preinstalled Softwares:</p>	Set	36,990/-	37,400/-
	<p>Desktop (Mid-End)</p>			

	<p>Operating System: Activated Windows 7/10 Professional 32-bit/64bit Media CD & System Recovery CD. Preinstalled MS Office 2010 Package and Microsoft Security Essential Software and updated drivers.</p>			
24	<p>Processor: Intel® Core™ i7(8M Cache, 4.20 GHz) Processor</p> <p>Memory (RAM): 8GB-24GB DDR3-800/1066</p> <p>Memory (Graphics): Integrated Intel HD graphics</p> <p>Disk Drives (HDD/FDD/CD/DVD): 1TB SATA Hard Drive 7200 RPM, Bluray, DVD+/-RW drive with burner software</p> <p>Networking: Integrated Gigabit Network Card</p> <p>Modem: Internal modem (optional)</p> <p>Multimedia: Integrated HD Audio with internal speaker</p> <p>Keyboard and Mouse: (wire or wireless)Keyboard and mouse with pad</p> <p>Ports/Slots: 8 USB 2.0, 1 Serial port, 2 PS/2, 1 RJ-45, 1 VGA & etc</p> <p>Display: 20" Flat Panel Display</p> <p>***Should provide mouse pad</p> <p>Preinstalled Softwares:</p>			

Desktop
(High-
End)

	Operating System: Activated Windows 7/10 Professional 64bit Media CD & System Recovery CD. Preinstalled MS Office 2010 Package and Microsoft Security Essential Software and updated drivers.		
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Laptop-PC				Rate	
sl.no	Items	Specification	set	14"	15"
25	Laptop (Low-End)	Processor:	set		
		Intel Core i3-7350K(4 M Cache,4.20 GHz) processor			
		Memory (RAM):			
		4GB - 8GB DDR3 SDRAM 1333MHz-2DIMS			
		Memory (Graphics):			
		Integrated Intel HD Graphics			
		Disk Drives (HDD/FDD/CD/DVD):			
		500 GB SATA Hard drive 7200 RPM, DVD+/-RW Optical drive with burner software			
		Networking:			
		Integrated Gigabit Ethernet & 802.11b/g/n wireless Card, bluetooth			
		Modem:			
		56Kbps inbuilt Modem (optional)			
		Multimedia:			
		Integrated audio with speaker			
		Keyboard and Mouse:			
	Standard keyboard & Mouse, accessories and carrycase				
	Ports/Slots:				

	<p>USB, RJ-45, VGA, etc (should provide VGA to HDMI converter incase the VGA port is not Available in laptop)</p> <p>Display: 14" high definition LED display with anti glare & integrated HD WebCam, 15" high definition LED display with anti glare & integrated HD WebCam(Bidders should quote seperately for 15" and 14").</p> <p>Preinstalled Softwares: Operating System: Activated Windows 7/10 Professional 32/64 bits (or latter version) & recovery CD. Pre-installed MS Office 2010 (or latter version) and lastest Antivirus software and updated drivers .</p>			
26	<p>Processor: Intel® Core™ i5-7500 Processor (6M Cache, 3.80 GHz)</p> <p>Memory (RAM): 8GB - 16GB DDR3 SDRAM 1333/1600MHz-2DIMS</p> <p>Memory (Graphics): Integrated Intel HD Graphics</p> <p>Disk Drives (HDD/FDD/CD/DVD): 500GB-1TB SATA Hard drive 7200 RPM, DVD+/-RW Optical drive with burner software</p> <p>Networking: Integrated Gigabit Ethernet & 802.11b/g/n wireless Card, bluetooth</p> <p>Modem: 56Kbps inbuilt Modem (optional)</p> <p>Multimedia: Integrated audio with speaker</p> <p>Keyboard and Mouse: Standard keyboard & Mouse, accessories and carrycase</p> <p>Ports/Slots:</p>	set		

Laptop
(Mid-
End)

	<p>USB, RJ-45, VGA/HDMI, etc (should provide VGA to HDMI converter incase the VGA port is not Available in laptop)</p> <p>Display: 14" high definition LED display with anti glare & integrated HD WebCam, 15" high definition LED display with anti glare & integrated HD WebCam(Bidders should quote seperately for 15" and 14").</p> <p>Preinstalled Softwares: Operating System: Activated Windows 7/10 Professional 32/64 bits & recovery CD. Pre-installed MS Office 2010 (<i>or latter version</i>, latest Antivirus software and updated drivers .</p>			
27	<p>Processor: Intel Core i7 7700k(8MB Cache, 4.20 GHz) Processor</p> <p>Memory (RAM): 0</p> <p>Memory (Graphics): Integrated Intel HD Graphics</p> <p>Disk Drives (HDD/FDD/CD/DVD): 1TB SATA Hard drive 7200 RPM, DVD+/-RW Optical drive with burner software</p> <p>Networking: Integrated Gigabit Ethernet & 802.11b/g/n wireless Card, bluetooth</p> <p>Modem: 56Kbps inbuilt Modem (optional)</p> <p>Multimedia: Integrated audio with speaker</p> <p>Keyboard and Mouse: Standard keyboard & Mouse, accessories and carrycase</p> <p>Ports/Slots:</p>	set		

USB, RJ-45, VGA/HDMI, etc (**should provide VGA to HDMI converter incase the VGA port is not Available in laptop**)

Display:

14" high definition LED display with anti glare & integrated HD WebCam, 15" high definition LED display with anti glare & integrated HD WebCam(**Bidders should quote seperately for 15" and 14"**).

Preinstalled Softwares:

Operating System: **Activated** Windows 7 Professional 64 bits & recovery CD. Pre-installed MS Office 2010 (*or latter version*), latest Antivirus software updated drivers.

Dzongkhag Administration, Bumthang.

ANNUAL QUOTATION FOR COMPUTER, LAPTOP & ACCESSORIES (F.Y 2018-2019)

Sl.No	Name	Specification	Unit	Rate	Remarks
1		<p>HP LaserJet P2055dn</p> <p>HP LaserJet Pro 400 Printer M401dw Print Speed Up to 33 ppm - B/W (ISO/IEC 24734) - A4 (8.25 in x 11.7 in) Built-in Devices touch screen Preview Screen Size 3.5" Connectivity Technology wired, wireless Interface USB, Gigabit LAN, Wi-Fi(n), USB host AirPrint Enabled Yes Max Resolution (B&W) 1200 dpi Automatic Duplexing Yes First Print Out Time B/W 8 sec Media Sizes 3 in x 5 in, A4 (8.25 in x 11.7 in), A5 (5.83 in x 8.25 in), A6 (4.13 in x 5.83 in), JIS B5 (7.17 in x 10.12 in), Legal (8.5 in x 14 in) Min Media Weight 60 g/m2 Max Media Weight 163 g/m2 Total Media Capacity 300 sheets</p>	set		

<p>HP LaserJet Pro 400 MFP M425dn</p> <p>Printer Features</p> <p>Printing Technology: Laser</p> <p>Available Functions: Print, Copy, Scan, Fax</p> <p>Resolution Black(dpi) :1200 x 1200</p> <p>Print Speed Black (PPM-A4): 33</p> <p>Standard Memory(MB): 256 MB</p> <p>Copier Features</p> <p>Colour Copy Speed (PPM-A4): 33</p> <p>Reduction and Enlargement(Percentage): 25-400</p> <p>Monochrome Copy Speed (PPM-A4): 33</p> <p>Scanner Features</p> <p>File Format: JPG, PDF</p> <p>Scanning Method: Flatbed</p> <p>Scanner Type :Flatbed, ADF</p> <p>Bit Depth :30-bit</p> <p>Fax Features</p> <p>Transmission Speed Seconds Per Page(Percentage) : 3</p> <p>Connectivity</p> <p>USB Port: Yes</p> <p>WiFi / Bluetooth Support :Yes, built-in</p> <p>WiFi 802.11 b/g/n</p>	<p>set</p>		
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		HP LaserJet Pro M1536dnf Multifunction Printer FUNCTIONS: Print, copy, scan, fax STANDARD PRINTER LANGUAGES :HP PCL 6, HP PCL 5, PostScript PRINT RESOLUTION Black (Best): Up to 600 x 600 x 2 dpi; Black (Normal): Up to 600 x 600 x 2 dpi PRINT TECHNOLOGY RESOLUTION HP REt, HP FastRes PRINT SPEED1 Black (Letter): Up to 26 ppm; First Page Out: As fast as 8.5 sec NUMBER OF PRINT CARTRIDGES 1 (black) PRINTER SMART SOFTWARE FEATURES :Duplex printing, HP Universal Print Driver and HP Web Jetadmin supported SCAN TYPE :Flatbed, ADF SCANNER ADVANCED FEATURES: Instant on scanner, 35-page Automatic Document Feeder (ADF), OCR software in box SCAN RESOLUTION Enhanced: Up to 19,200 dpi; Hardware: Up to 1200 x 1200 dpi Optical: Up to 1200 dpi SCAN SPEED Black (Normal): Up to 15 ppm; ADF Speed: Up to 15 ppm	Set		
		HP Scanjet G4050 Photo Scanner Set			
2	Digital Camera	Nikon D800/800 with remote control			
3	Canon power shot with remote control	G-series G1, G2, G3, G5, G6, G7, G9,			
		S-series S30, S40, S45, S50, S60, S70,			
		A-Series A30, A40, A60, A70, A75, A80, A85, A95, A300, A310, A400,			

4	Camera stand	Velbon CX-300 Floor-Standing Tripod			
5	Facility	Digital IXUS SD100 (Digital IXUS II)			
		SD110 (Digital IXUS IIS)			
		S230 (Digital IXUS 330)			
		S400 (Digital IXUS 400)			
		S410 (Digital IXUS 430)			
		S500 (Digital IXUS 500)			
6	External Hard drive/Thumb drive	1 TB			
		500 GB			
		32 GB			
		16 GB			
		8 GB			
7	Monitor	19.5" LED Screen			
		21" LED screen			
8	Internal Hard Drive	1 TB SATA			
		500 GB SATA			
9	Memory	2 GB DDR II			
		2 GB DDR III			
		4 GB DDR II			
		4 GB DDR III			
10	CD/DVD	DVD-RW			
		DVD-R			
		ASUS SDRW-08D1S-U - DVD±RW (±R DL) / DVD-RAM drive - USB 2.0			
		CD-RW			
11	Networking	Network toolkits with complete set			
		RJ-45			
		RJ-11			
		STP cable Cat6			
		UTP cable cat6			
		I/O box			
12	Switch	unmanageable 8 port 100/1000 gb switch			
		unmanageable 16-Port 100/1000			
		Desktop/Rack mount Switch			

		unmanageable 24-Port 100/1000 Gigabit Switch			
		manageable 8 port 100/1000 gb switch			
		manageable 16-Port 100/1000 Desktop/Rack mount Switch			
		manageable 24-Port 100/1000 Gigabit Switch			
13	Power Supply	Laptop adaptor dell			
		Laptop dell battery			
		SMPS Power supply for dell slim desktop			
		EU Standard Hard Drive Power supllly Adaptor USB 2.0 to SATA/IDE to be connected Hard disk/CD-ROM			
		SMPS power supply for dell Tower type desktop			
14	UPS	APC UPS 800 va			
		APC UPS 650 va			
		APC Smart -UPS 5000 Rackmount 5 U			
15	Printer cable	USB Cable			
16	Keyboard /Mouse	Standard Keyboard (USB)			
		Standard Keyboard (Wireless)			
		Optical Mouse(USB)			
		Optical Mouse(Wireless)			
17	Software & Driver	Windows 10			
		Windows 7			
		Driver Pack Solution			
		Anti-virus 2 user			
		Anti-Virus 4 user			
18	Projector	Brightness: 5000 ANSI Lumens (Max.)			

Contrast Ratio:

2500:1 (Natural)

10000:1 (Dynamic)

20000:1 (Static)

Native Resolution:

1080p Full HD (1920 x 1080p)

Aspect Ratio: 16:9**Uniformity:**

85% Typical (Japan Standard - JBMA)

Projection Lens:

F-Stop: F/2.6~2.9

Focal length, f = 39.12~46.94mm

Throw Ratio: 1.85 (wide) - 2.22 (tele)**Lens Offset Ratio:** 115% ± 5%
(shipping default)**Zoom Ratio:** Manual 1.2x**Keystone Correction:** Automatic

Vertical ± 30°

Projection Distance:

3.28 ft ~ 39.37 ft (1.0m ~ 12m)

Screen Size - Diagonal:

20.3" ~ 292.9" (0.53m ~ 7.44m)

LAMP

Lamp Life Cycle3:

Up to 1,500 hours Normal

Up to 2,000 hours Eco-Mode

Lamp Type:

Philips 400W user-replaceable

Lamp Warranty:

1 year

Audio and Speakers

2x 5W speaker RMS Mono

Connectivity

AC power input socket

2x D-Sub for analog/component,
HDTV input signals

1x 15-pin D-Sub for VGA-A loop
through

1x Composite Video RCA jack for
CVBS signal

1x 4-pin S-Video for Y/C signal

1x set of Component Video RCA

1x mini USB-B slave for remote
support

1x USB-A WiFi for optional wireless
functionality

1x USB-A for USB Viewer

1x USB-B for USB Display

1x 3.5mm stereo mini phone jack for
for analog audio input

1x 3.5mm stereo mini phone jack for
variable audio output

1x RJ45 connector for networking,
LAN Display, and firmware update

2x HDMI 1.3 (HDCP compliant)

1x D-sub 9-pin RS232 for wired
remote projector control from PC

1x DC jack 12V @200mA output,
relay control for automatic projection
screen control

		<p>Video Support</p> <p>Composite Video / S-Video input: NTSC (J, M, 4.43), PAL (B, D, G, H, I, M, N, Nc, 60), SECAM (B, D, G, K, K1, L)</p> <p>HDMI and Component Video inputs (via VGA and YPbPr RCA): 1080i/p, 720p, 576i/p, 480i/p</p> <p>NOISE OUTPUT</p> <p>39 dB(A) Normal Mode 36 dB(A) Eco-Mode</p>			
19	Projector Screen	<p><u>Da-Lite 40151 Picture King Tripod Front Projection Screen (96x96")</u></p> <p>Image Size:96x96"(244x244)cm Overall Size: Closed: 4 x 7.5 x 105" (10 x 19 x 267cm) 5.5" Aspect Ratio 1:1</p> <p><u>Da-Lite Cosmopolitan Electrol projection screen (motorized) - 100 in</u></p> <p>Product Type: Projection screen (motorized) , Projection Screen Image Diagonal Size: 100 in (254 cm), Projection Image Size: 80 in x 60 in, Screen Surface: Matte White, Product Material: Fabric</p>			
20		<p>Type</p> <p>Desktop or Free-standing, (Reader-Printer Combined)</p> <p>Maximum Original Size</p> <p>A3</p>			

Copy Sizes

Cassette 1,3 and 4: A3, A4, A4R, A5R
Custom size: 139.7 to 297mm x 182 to 432mm

Cassette 2: A3, A4, A4R, A5R,
Envelope (with optional Envelope
Feeder Attachment-D1)

Stack Bypass: A3, A4, A4R, A5R,
Envelopes

Custom size: 99 to 297mm x 148 to 432
mm

Resolution

Reading: 600dpi × 600dpi

Copying: 600dpi × 600dpi

Printing: 600dpi × 600dpi, 1200dpi x
1200dpi (UFR II-LT only)

Number of Tones: 256 Gradations

Copy/Print Speed

A4:

imageRUNNER 2545i/2545 : 45ppm
(BW)

imageRUNNER 2535i/2535 : 35ppm
(BW)

imageRUNNER 2530i/2530 : 30ppm
(BW)

imageRUNNER 2525i/2525 : 25ppm
(BW)

imageRUNNER 2520i/2520 : 20ppm
(BW)

A3:

Photocopy Machine

imageRUNNER 2545i/2545 : 22ppm
(BW)

imageRUNNER 2535i/2535 : 22ppm
(BW)

imageRUNNER 2530i/2530 : 15ppm
(BW)

imageRUNNER 2525i/2525 : 15ppm
(BW)

imageRUNNER 2520i/2520 : 15ppm
(BW)

Magnification

Zoom: 25-400%

Fixed: 25%, 50%, 70%, 100%, 141%,
200%, 400%

First Copy Time

Black-and-White: 3.9sec (45/35 ppm
model), 5.4sec (30/25 ppm model),
6.4sec (20 ppm model)

Warm-Up Time

30 seconds

Multiple Copies/Prints

1 to 999 sheets

Duplexing

Standard

Memory

512MB (imageRUNNER 2500 i
models), 256MB (imageRUNNER 2500
non i models)

Interface

Ethernet (100Base-TX/10Base-T), USB
Host I/F 2.0 x 1 port, USB Device 1.0 x
1 port

	<p>Copy Print Speed Black & White: 36 pp Copy Print Speed Colour: 0 ppm Copying Resolution: 600x600 dpi CPU: Dual-core 1.2GHz ARM Cortex-A Interface: LAN, USB Magnification Zoom: 25 to 400%</p>			
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