

Dzongkhag Administration, Bumthang.

ANNUAL QUOTATION FOR COMPUTER, LAPTOP & ACCESSORIES (F.Y 2017-2018)

Sl.No	Name	Specification	Unit	Rate	Remarks				
					Model	Wireless	Ethernet	USB	
1	Printers	<p>HP LaserJet Pro MFP M125, M126 printer</p> <p>Printing specifications Normal mode resolution: 600 x 400 dpi Plain-Best mode resolution: 600 x 600 dpi Input sensor resolution: 1200 x 1200 dpi Print speed: As fast as 21 pages per minute (ppm)*Print speeds vary according to the complexity of the document. First page out: As fast as 9.5 seconds Duty cycle: Up to 8,000 pages per month</p> <p>Copy specifications Copy speeds (default mode)*: Up to 21 copies per minute (cpm)*Copy speeds vary according to the printer model and the complexity of the document. First copy out: As fast as 15 seconds Resolution (text and graphics): Up to 400 x 600 dpi Scanning specifications Resolution: up to 1200 x 1200 ppi Enhanced Resolution: up to 19200 dpi Scan speed: Up to 7 ppm (b&w), up to 5 ppm (color) Color: 24-bit color, 8-bit grayscale (256 levels of gray) Maximum scan size from glass: 21.6 x 29.7 cm (8.5 x 11.7 inches)</p>	Set						Tick the printer your company have
					HP LaserJet Pro MFP M125a Printer	No	No	Yes	
					HP LaserJet Pro MFP M125nw Printer	Yes	Yes	Yes	
					HP LaserJet Pro MFP M125r Printer	No	No	Yes	
					HP LaserJet Pro MFP M125ra Printer	No	No	Yes	
					HP LaserJet Pro MFP M125rnw Printer	Yes	Yes	Yes	
					HP LaserJet Pro MFP M126a Printer	No	No	Yes	
					HP LaserJet Pro MFP M126nw Printer	Yes	Yes	Yes	

<p>HP LaserJet P2055dn Print Speed: Up to 35 ppm - B/W - Letter A Size (8.5 in x 11 in) Connectivity Technology :wired Interface: USB, Gigabit LAN Max Resolution (B&W): 1200 dpi Image Enhancement Technology :HP ProRes 1200 Automatic Duplexing :Yes First Print Out Time :B/W 8 sec Language Simulation :PCL 5C, PCL 6, PostScript 3 Fonts Included :45 x TrueType 35 x PostScript Media Handling: 250-sheet input tray, 50-sheet multipurpose tray Type: workgroup printer Max H-Document Size: 8.5 m Max V-Document Size :14 in m Media Type :bond paper, cards, envelopes, labels, plain paper, recycled paper, transparencies Media Sizes :A4 Long (8.25 in x 13.7 in), A5 (5.83 in x 8.25 in), A6 (4.13 in x 5.83 in), Legal (8.5 in x 14 in) Envelope Sizes Monarch :(3.87 in x 7.5 in), US No 10 (4.1 in x 9.5 in) Total Media Capacity :300 sheets</p>	set		
<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</p>			

<p>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 Printer Features Printing Technology: Laser Available Functions: Print, Copy, Scan, Fax Resolution Black(dpi) :1200 x 1200 Print Speed Black (PPM-A4): 33 Standard Memory(MB): 256 MB Copier Features Colour Copy Speed (PPM-A4): 33 Reduction and Enlargement(Percentage): 25-400 Monochrome Copy Speed (PPM-A4): 33 Scanner Features File Format: JPG, PDF Scanning Method: Flatbed Scanner Type :Flatbed, ADF Bit Depth :30-bit Fax Features Transmission Speed Seconds Per Page(Percentage) : 3 Connectivity USB Port: Yes WiFi / Bluetooth Support : Yes, built-in WiFi 802.11 b/g/n</p>	set		

		<p>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 SCAN SIZE ADF (MAXIMUM) 8.5 x 14 in (216 x 356 mm) SCAN FILE FORMAT: JPEG, TIF, BMP, GIF, PDF, PNG</p>	Set		
2	Scanner	HP Scanjet 200	Set		
		HP Scanjet G4050 Photo Scanner Set	set		
3	Digital Camera	Nikon D800/800 with remote control from desktop or laptop	Set		
4	Canon power shot with remote control	G-series G1, G2, G3, G5, G6, G7, G9, G10	set		
		S-series S30, S40, S45, S50, S60, S70, S80, S1 IS, S2 IS, S3 IS, S5 IS, SX100 IS, SX110 IS			
		A-Series A30, A40, A60, A70, A75, A80, A85, A95, A300, A310, A400, A510, A520, A620, A640			

5	Camera stand	Velbon CX-300 Floor-Standing Tripod	set		
6	Facility	Digital IXUS SD100 (Digital IXUS II)	set		
		SD110 (Digital IXUS IIS)	set		
		S230 (Digital IXUS 330)	set		
		S400 (Digital IXUS 400)	set		
		S410 (Digital IXUS 430)	set		
		S500 (Digital IXUS 500)	set		
7	External Hard drive/Thumb drive	1 TB	No.		
		500 GB	No.		
		32 GB	No.		
		16 GB	No.		
		8 GB	No.		
8	Monitor	19.5" LED Screen	No.		
		21" LED screen	No.		
9	Internal Hard Drive	1 TB SATA	No.		
		500 GB SATA	No.		
10	Memory	2 GB DDR II	No.		
		2 GB DDR III	No.		
		4 GB DDR II	No.		
		4 GB DDR III	No.		
11	CD/DVD	DVD-RW	No.		
		DVD-R	No.		
		ASUS SDRW-08D1S-U - DVD±RW (±R DL) / DVD-RAM drive - USB 2.0	No.		
		CD-RW	No.		
12	Networking	Network toolkits with complete set	No.		
		RJ-45	No.		
		RJ-11	No.		
		UTP cable cat6	No.		
		I/O box	No.		
13	Switch	unmanageable 8 port 10/100 gb switch	No.		
		unmanageable 16-Port 10/100 Desktop/Rack mount Switch	No.		
		unmanageable 24-Port 10/100/1000 Gigabit Switch	No.		
		manageable 8 port 10/100 gb switch	No.		
		manageable 16-Port 10/100 Desktop/Rack mount Switch	No.		

		manageable 24-Port 10/100/1000 Gigabit Switch	No.	
14	Power Supply	Laptop adaptor dell	No.	
		Laptop dell battery	No.	
		SMPS Power supply for dell slim desktop	No.	
		EU Standard Hard Drive Power supply Adaptor USB 2.0 to SATA/IDE to be connected Hard disk/CD-ROM	No.	
		SMPS power supply for dell Tower type desktop	No.	
15	UPS	APC UPS 800 va	No.	
		APC UPS 650 va	No.	
		APC Smart -UPS 5000 Rackmount 5 U	No.	
16	Printer cable	USB Cable	No.	
17	Keyboard /Mouse	Standard Keyboard (USB)	No.	
		Standard Keyboard (Wireless)	No.	
		Optical Mouse(USB)	No.	
		Optical Mouse(Wireless)	No.	
18	Software & Driver	Windows 10	No.	
		Windows 7	No.	
		Driver Pack Solution	No.	
		Anti-virus 1 user	No.	
		Anti-virus 2 user	No.	
		Anti-Virus 4 user	No.	
19	Projector	<p>Brightness: 5000 ANSI Lumens (Max.)</p> <p>Contrast Ratio: 2500:1 (Natural) 10000:1 (Dynamic) 20000:1 (Static)</p> <p>Native Resolution: 1080p Full HD (1920 x 1080p)</p> <p>Aspect Ratio: 16:9</p> <p>Uniformity: 85% Typical (Japan Standard - JBMA)</p> <p>Projection Lens: F-Stop: F/2.6~2.9 Focal length, f = 39.12~46.94mm</p> <p>Throw Ratio: 1.85 (wide) - 2.22 (tele)</p>		

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 wireless1 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)

set

		<p>1x D-sub 9-pin RS232 for wired remote projector control from PC</p> <p>1x DC jack 12V @200mA output, relay control for automatic projection screen control</p> <p>Video Support</p> <p>Composite Video / S-Video input: NTSC (J, M, 4.43), PAL (B, D, G, H, I, M, N, Ne, 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</p> <p>36 dB(A) Eco-Mode</p>			
20	Projector Screen	<p><u>Da-Lite 40151 Picture King Tripod Front Projection Screen (96x96")</u></p> <p>Image Size:96x96"(244x244)cm</p> <p>Overall Size: Closed: 4 x 7.5 x 105" (10 x 19 x 267cm)</p> <p>Box Dimensions (LxWxH):108.0 x 9.0 x 5.5"</p> <p>Aspect Ratio 1:1</p> <p><u>Da-Lite Cosmopolitan Electrol projection screen (motorized) - 100 in (254 cm):-</u></p> <p>Product Type: Projection screen (motorized) , Projection</p> <p>Screen Image Diagonal Size: 100 in (254 cm), Projection Image Size:</p> <p>80 in x 60 in, Screen Surface: Matte White, Product Material: Fabric</p>	set		
21		<p>Type</p> <p>Desktop or Free-standing, (Reader-Printer Combined)</p> <p>Maximum Original Size</p> <p>A3</p> <p>Copy Sizes</p> <p>Cassette 1,3 and 4: A3, A4, A4R, A5R</p> <p>Custom size: 139.7 to 297mm x 182 to 432mm</p> <p>Cassette 2: A3, A4, A4R, A5R, Envelope (with optional Envelope Feeder Attachment-D1)</p>			

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 (UFRIL-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:

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)

Photocopy
Machine

set

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			
	Copy Print Speed Black & White: 36 ppm Copy Print Speed Colour: 0 ppm Copying Resolution: 600x600 dpi CPU: Dual-core 1.2GHz ARM Cortex-A7 Interface: LAN, USB Magnification Zoom: 25 to 400%	set		

Desktop-PC

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

24	Desktop (High-End)	<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: 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.</p>	set		
----	-----------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----	--	--

Laptop-PC

sl.no	Items	Specification	set	Rate for 14"	Rate for 15"	Remarks
25	Laptop (Low-End)	Processor:	set			
		Intel Core i3-7350K(4 M Cache,4.20 GHz) processor				
		Memory (RAM):				
		2GB - 4GB 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:				
	USB, RJ-45, VGA, 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 7/10 Professional 32/64 bits (or latter version) & recovery CD. Pre-installed MS Office 2010 (or latter version) and lastest Antivirus software and updated drivers .					

26	Laptop (Mid-End)	<p>Processor: Intel® Core™ i5-7500 Processor (6M Cache, 3.80 GHz)</p> <p>Memory (RAM): 4GB - 8GB 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: 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 (or latter version, lastest Antivirus software and updated drivers .</p>	set			
----	---------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----	--	--	--

27	Laptop (High - End)	<p>Processor: Intel Core i7 7700k(8MB Cache,4.20 GHz)Processor</p> <p>Memory (RAM): 8GB DDR3 SDRAM 1333/1600MHz-2DIMS</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: 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 Professional 64 bits & recovery CD. Pre-installed MS Office 2010 (or latter version), lastest Antivirus software updated drivers.</p>	set			
----	---------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----	--	--	--