

COMPARATIVE STATEMENT FOR COMPUTER AND PRINTERS

THARLHAM INFO TECH	Kins Technology	Lamla Sales & Services	Sunshine Enterprise	Dejung Norbu Enterprise	Gyeltshen Electronics	Chorten Sales and Services	Gyelyong Enterprise
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Sl/No	Particular	Specification	Remarks	Rate In Figure	Remarks	Rate In Figure	Remarks	Rate In Figure	Remarks	Rate In Figure	Remarks	Rate In Figure	Remarks	Rate In Figure	Remarks	Rate In Figure	Remarks	Rate In Figure	Remarks
1	Desktop i3	Processor 4th generation Intel core i3 Memory(RAM) 4GB RAM DDR3 Disk Drives(HDD/FD/CD/DVD) 500GB STAT Hard Drive 7200 RPM, DVD+/-RW Optical drive Ports/Slots USB,RJ-45,VGA,HDMI Networking Integrated Gigabit Ethernet Multimedia Integrated HD audio system Keyboard and Mouse Standard keyboard and mouse Display 19 High defination LED wide screen Preinstalled softwares Genuine Microsoft Windows 10 32/64 bit Genuine Pre-installed MS Word 2013 Microsoft Security Essentials		30350/-		NQ		30400/-		000/- 49000/- 7th Generation	1-Without w 2-With Original Windows	37000/-		35900/-		34999/-		30800/-	dell optifler 3050
	Desktop i5	Processor: Intel Core i5-7500T Processor Operating System: Windows 10 Pro 64bit Memory: 4GB DDR4 Storage: 2.5inch 500GB 7200rpm Hard Disk Drive Optical DVR-RW drive Intel HD Graphics 4-6 USB ports or more 1Gigabit Ethernet Adapter USB Optical Keyboard and Mouse Integrated Audio System 20 inches LED Wide Screen	Dell OptiPlex JG20P Equivalent or Higher Brand	36850/-		NQ		37700/-	Dell 3667 Lenova	48000/- 57000/-	1-Without Window 2-With Original Windows	38000/-		48900/-		42999/-		38890/-	Dell OptiPlex 3050 Equivalent or Higher Brand
	Desktop i5	Processor: Intel Core i5-4460s 2.9 GHz Operating System: Windows 10 Memory: 8GB SO-DIMM DDR3 RAM Storage: 1TB/500GB 7200rpm Hard Disk Drive Optical :DVR-RW drive Intel HD Graphics 4-6 USBports or more 1 Gigabit Ethernet Adapter USB Optical Keyboard and Mouse Integrated Audio System 20 inches LED Wide Screen Optical DVR-RW drive	Lenovo Idea Centre 300s Slim Desktop Equivalent or Higher Brand	38850/-	Dell Optiplex 3050		NQ		41700/-	Dell 3667/Lenova 5520	63000/-		39800/-		45900/-		52899/-		NQ
Desktop i7	Processor: Intel Core 7th Generation i7-7700T Processor (Quad Core, up to 3.80 GHz, 8MB Cache,35W) RAM: 8GB DDR4 Memory Operating System: Windows 10 Storage: 1TB 2.5inch SATA3 Hard Drive 512e 2.5 inch (7200 RPM) Network: 1 x 10/100/1000 Mbps Gigabit Ethernet (RJ45) Video card: Intel HD Graphics USB Optical Keyboard and Mouse Integrated Audio System 20 inches LED Wide Screen Optical DVR-RW drive	Dell OptiPlex 7050 Micro Tower Equivalent or Higher Brand	48650/-	Dell Optiplex 3050		NQ		53900/-	Dell 3667/Lenova 5520	89000/-		52000/-		68500/-		56899/-		51380/-	

2	Laptop i5	<p>Model name: Equivalent to ASUS Vivo Book S15 or higher operating system (with version) Windows 10 laptop type:Ultraportable DISPLAY:Resolution:1920 x 1080 display size (in inches):15.6 display technology:FHD Nano Edge CONNECTIVITY: wireless connectivity:Yes connectivity:Bluetooth v4.2 MEMORY: ram included (in gb):16 ram type: DDR4 PROCESSOR: processor model name: Intel 8th generation Core i5-8250U graphics processor: NVIDIA GeForce MX150 STORAGE: hard drive capacity:1TB Optical DVR-RW drive</p>	Asus Vivo Book S15 Equivalent or Higher Brand	N/A	NQ	48400/-	Dell 3467/Lenova S310	38900/-	68500/-	79999/-	NQ				
		<p>Operating system: Windows 10 Home 64bit Display:15.6 in HD WLED-backlit touchscreen(1366x68), 10-finger multi-touch support Touchscreen: Yes, Screen Resolution:1366x768, Processor: Intel® Core™ i5-8250U 1.9GHz base frequency, up to 3.4GHz with Intel® Turbo Boost Technology, 6MB cache, 4cores), Memory: 8GB DDR4 SDRAM 2133, MHzHard Drive: 256GB Solid State, Drive ports:2 USB 3.1 Gen 1(Data Transfer Only), USB 2.0, 1HDMI, 1RJ45, 1headphone/microphond, combovideo: Intel HD Graphics 620, Media Card Reader:yes, Optical Drive:DVD+/-RW, Wireless connectivity:802.11b/g/n and Bluetooth, Built-in HD webcam with microphone:yes</p>	HP Laptop Equivalent or Higher Brand	36350/-	NQ				66000/-						Hard Drive: 1 TB drive, Dell Inspiron.
	Laptop i7	<p>Operating system: Windows 10 Pro, Display: 15.6-inch HD (1920 x 1080) IPS True-life LED-Backlit Display, Non-touch Screen Resolution: 920 x 1080 Processor:7th Generation Intel® Core™ i7- 7500U/i7-8550u, Processor (4MB/8MB Cache, up to 3.5GHz/4.0GHz) Memory:8GB/16GB DDR4, system memory Hard drive:256GB Solid State Drive(1TB), Ports: 2 x USB 3.0, 1 x USB 2.0, 1 x HDMI, 1 x Headphone output/Microphone input combo, 10/100, RJ-45, Ethernet network, Video: Intel HD Graphics 620 Media Card Reader: yes, Optical Drive: None, Wireless connectivity: 802.11ac and Bluetooth 4.0 Built-in HD webcam with microphone: YES</p>	dell Inspiron 15 7000 Equivalent or Higher Brand	46850/-	NQ	64400/-	Dell i7/8th Gen(7000 series)	94000/-	53000/-	89500/-	68999/-	47777/-			Hard Drive: 1 TB drive.
Router, Switches and Networking Equipments															
3	Cisco SGE2000-28 24-Port Gigabit Switch	<p>Layer 2 switch 24 RJ-45 connectors for 10BASE-T/100BASE-TX/1000BASE-T with 4 shared Gigabit SFP slots Console port Auto medium dependent interface (MDI) and MDI crossover (MDI-X) Auto negotiate/manual setting RPS port for connecting to redundant to power supply unit</p>		82150/-	NQ										
4	Cisco SG300-28 28/24-Port Gigabit Managed Switch			58150/-	NQ			38000/-	NQ	210000/-	NQ				
5	16 Port Switch 10/100/1000	Cisco and Layer2 switch		6850/-	NQ	6400/-		10000/-	NQ	4800/-	7600/-	9800/-			
6	8 Port mini switch			3150/-	10/100/1000	NQ	1700/-	1600/-	NQ	1800/-	5200/-	NQ			
7	RJ-45			13/-		NQ		18/-	NQ	10/-	2189/-	1 box = 100 Nos	NQ		
8	UTP Cat5 Ethernet LAN Network Cable	- FT Black, 350 Mbps/1000 Mbps		5650/-		NQ	5400/-	9000/-	NQ	3800/-	7000/-	one nos	6880/-		
9	Cat 6/6a Ethernet Cable			5850/-	19.18/ mtr	NQ	5900/-	8500/-	NQ	25/-	per meter	7199/-	one nos, D-link	6980/-	
10	Cat 6 Flat Ethernet Patch Cable	Connector Type: RJ45		15/-		NQ	5900/-	300/-	NQ	10/-	per piece	NQ		NQ	
11	UTP Patch cord 1 mtr			155/-		NQ	340/-	300/-	NQ	1200/-		250/-	Digilink	NQ	
12	UTP patch cord 5 mtr			575/-		NQ	740/-	750/-	NQ	1800/-		549/-	Digilink	NQ	

13	UTP patch cord			370/-		NQ		540/-		500/-		NQ		1900/-		399/-	Digilink	NQ	
14	Cat 6 24 Port Patch Panel	24xCAT6 Keystone jacks T-568A or B Wiring Can be terminated using both a KATT & 110 Tool Patented dust covers to protect unused ports from dust and damage Provides termination for 22-26 AWG Cable Management facing supplied with the panel SPECIFICATIONS 1RU Metal Construction Powder Coated Colour: Black Dimensions: 53.5cm×29.5cm×26.5cm		6550/-		NQ				10000/-									
16	CAT5e Patch Panel with 24 Ports and 1 RMS	Labels on front enable each port to be named Color coded label on back offers both EIA/TIA 568A & 568B wiring Metal frame EIA/TIA 2/32 spacing Rack mountable on a 19 rack (1U of space)		5450/-		NQ		N/A		8000/-				150000/-		5899/-	Digilink	NQ	
17	Router with K9 licenses			82000/-		NQ		39700/-		59000/-				185000/-		7499/-	Digilink	NQ	
18	Media converter	Gigabit WDM/Single Fiber Media Converter (D-Link/TP-Link)		6150/-		NQ				8000/-				42000/-		NQ		NQ	
19	cisco router 2900 series	Cisco		82000/-		NQ				45000/-				250000/-		NQ		150000/-	
20	cisco router 1841 series	Cisco		80000/-		NQ		39400/-						295000/-		NQ		NQ	
Antivirus																			
22	License Norton Internet Security 1 User			910/-		NQ		894/-		1300/-				1500/-		890/-		NQ	
	Quick Heal Total Security 5 users			4650/-		NQ		2440/-		4800/-		2100/-		1850/-		3200/-		4980/-	
	Quick Heal Total Security 1 users			1750/-		NQ		894/-		1700/-				485/-		960/-		1000/-	
Photocopy Machine																			
23	Photocopy Machine, latest Technology, 25CPM			66850/-	Konica Minolta 226	170175/-		Canon image Runner iR2525w photocop Machine/Equivalent	164400/-	Heavy Duty IR 2525(A3) IR 25cpm	175000/-	canon 2525	89000/-	konica 266	325000/-	168999/-	cannon IR2025	78500/-	Konichi 226
	Heavy Duty Photocopy machine Duplex			83650/-	konica minolta 206 with duplex	135845/-		Canon Image Runner iR2004N Photocop y/ Equivalent	174400/-	Heavy Duty IR 2525(A3) 25cpm	230000/-	konica 367	NQ		250000/-	168999/-	Kyocera 30111	480000/-	Cannon IR4545
	Photocopy Machine: 20 CPM			57650/-	konica minolta 206	83608/-		Canon Image Runner iR2004N Photocop y/ Equivalent	54400/-	Canon IR 2204(A3) 22ppm	50000/-	konica 206	52000/-	Konica 206	95000/-	44200/-	RICHO 2014 Photo Copy Machine	48000/-	16 cpm 165 Konica
	Photocopy Machine: 16 CPM			39200/-	konica minolta 165E	78634/-		Canon Image Runner iR1435 Photocop y/ Equivalent	39400/-	Bizhub 164(A3) 16 ppm	40000/-	konica 165	38000/-	Konica 165	55000/-	41500/-	Konica Minlota	48000/-	16 cpm 165 Konica
Fax Machine																			
24	Brother FAX-575 Personal Fax, Phone, And Copier, KXFP-343			N/A		NQ				25000/-	2840	32000/-		9500/-		28500/-	Brother FAX-28	NQ	
	KXFP-907			N/A		NQ		9700/-		-		12000/-		18900/-		NQ		NQ	
	KXFP-701			10650/-		NQ		9700/-		-		9000/-		12800/-		NQ		9800/-	983
						NQ		9700/-		12000/-		9000/-		19500/-		11200/-		10000/-	

	Color Printer (Heavy Duty)					Canon image class LBP 654Cx Laser color Printer	23440/-	HP M 254	55000/-	HP 452dn	NQ		69500/-		NQ	244800/-	m651 hp or new model	
	Color Printer (Medium Duty)					Canon image Class LBP 613dw Laser color printer	19400/-	HP M 254	39000/-	HP 254	NQ		54000/-		24899/-	Brother HL-315	NQ	
	Color Printer P1215		26150/-	HP 154A	35783/-	Canon image Class LBP 613dw Laser color printer	19400/-	HP M 254	29000/-	154A	NQ		13500/-		23899/-	Hp Color laser	36000/-	1025
	Duplication																	
29	Duplication Machine(Provide Model)	RD-3608 (Digital Duplicator(high sped automatic ditatal scanning_resolution 300x400dpi,print speed 55-120 sheet with facilities	115000/-													RISCO KZ30 Digital Duplicating Machine/ RISCO CV1200 Digital duplication machine		
	Projector																	
	Infocus with white Screen for Projector		36250/-		NQ		34400/-	1-Infocus IN 2241 (Projector) 2-screen (6x4) (screen)	35000/-	Infocus 2241	NQ		48000/-		46899/-	Dell 1270 Proj	41000/-	infocus in2241
30	Sony Projector																	
	Sony 2000 Luminus		34250/-		NQ		49400/-		37000/-	sony	42000/-		78000/-	latest technology	NQ		NQ	
	Epson 3000 luminus		31350/-		NQ		43400/-		-		38000/-		38000/-	VS250 3LED	48999/-	Epson EB-S41	45000/-	EB 31 EPSON
	Acer 3000 luminus		29250/-	Dell	NQ		37400/-		33000/-		42000/-		49500/-		NQ		NQ	
	White Screen for Projector		7500/-		NQ		5400/-		8000/-				4800/-		18500/-		NQ	
	Projector Screen	6ftx4ft(standard wih stand)	11600/-		NQ		9400/-		7500/-		5900/-		12000/-		34000/-		13000/-	
	Hand Set																	
31	Hand set (Vertex)		N/A		NQ		34700/-		-		NQ		48000/-		NQ		NQ	
	Battery		N/A		NQ		13400/-		-		NQ		12000/-		NQ		NQ	
	Battery charger		N/A		NQ		7400/-		-		NQ		9500/-		NQ		NQ	
	Printer Cable																	
32	USB printer cable		375/-		NQ		195/-		390/-		NQ		450/-		256/-		NQ	
	Digital Video Camera																	
33	Camcorder (Handy cam)	Lens System: 30 xx Zooms Lens-2.1 Camcorder sensor Resolution: 4.2 MP Effective Video Resolution: 1.67 MP Digital Zoom: 350x, Effective Photo Resolution: 3.3 MP Camcorder Media Type: Flash Card	30650/-	Enox	NQ		34400/-		-		NQ		98000/-		NQ		270777/-	Nikon D810 DSCR
	Digital Camera	Camera Format: Pro SLR, Sensor Type: CMOS, Total Megapixels:18.1 Sensor Format:35mm, Sensor Size(Dia):1.70" Focal Length Multiplier:1.0, Color Filter Type: RGBG, Usable Battery Types: Lithium-ion Rechargeable Batteries Included:1xProprietary LP-E4N	9850/-	Enox	NQ		54400/-		46600/-	canon 1300c	128000/-		82000/-		NQ		37000/-	Cannon 1300D
	EF-S18-135mm		31650/-		NQ		31400/-				NQ		43500/-	Cannon EF-S18-135MM F/3.5-5.6 ISUSM	NQ		NQ	
	EF-S18-200mm		N/A		NQ		37400/-				NQ		98000/-		NQ		NQ	
	EF-S55-250mm		18650/-		NQ		47400/-				NQ		25800/-	Cannon EF-S55-250MM F/4-5.6 ISSTM	NQ		NQ	
	EOS d 600		48650/-	EOS D750/-	NQ		53400/-				NQ		79800/-	Cannon EOS 750D WITH 18-55MM	NQ		NQ	
	Photocopy Machine																	

	Photocopy Machine, latest Technology, 25CPM		66850/-	Konica Minolta 226	170175/-	Canon image Runner iR2525w photocop Machine/Equivalent	154400/-	Canon IR 2525(A3 25cpm)	72000/-	konica minol	89000/-		145000/-		NQ		78500/-	226 konica	
34	Heavy Duty Photocopy machine Duplex		63650/-	konica minolta 206 with duplex	135845/-	Canon Image Runner iR2004N Photocopy/Equivalent	164700/-	Canon IR 2525 (duplex A3 35ppm)	118000/-	konica minol	NQ		97000/-		NQ		480000/-	IR4545 Cannon	
	Photocopy Machine: 20 CPM		57650/-	konica minolta 206	83608/-	Canon Image Runner iR2004N Photocopy/Equivalent	51700/-	Canon IR 220(A3) 22cpm	-			52000/-		89000/-		NQ	48000/-	16 CPM Konica	
	Photocopy Machine: 16 CPM		39200/-	konica minolta 165E	78634/-	Canon Image Runner IR1435 Photocopy/Equivalent	39400/-	Bizhub 16cpm/konoca minolta	*			38000/-		78000/-		NQ	48888/-		
	Telephones																		
	Telephones Panasonic without Speaker		750/-				840/-					1200/-		3800/-		1250/-		NQ	
	teelphone panasonic with speker and display		1650/-				5400/-					5200/-		4500/-		4890/-		NQ	
35	teelphone beetle without speaker		730/-				640/-					990/-		1800/-		1150/-		NQ	
	teelphone beetle bule clip with speaker		4550/-				3800/-					4800/-		4800/-		NQ		NQ	
	digital cordless Panasonic		3820/-				7400/-					NQ		4800/-		NQ		NQ	
	telephone with fax		10250/-				9700/-		14200/-			NQ		9800/-		NQ		10100/-	
	Telephones Panasonic with Speaker		1650/-				4700/-					5200/-		2900/-		4890/-		4200/-	
	Memory Card																		
36	2GB		N/A				2800/-					NQ		280/-		380/-		NQ	
	4GB		N/A				3800/-					NQ		350/-		550/-		NQ	
	8GB		460/-				3900/-		520/-			NQ		390/-		900/-		NQ	
	16GB		750/-				4700/-		890/-			NQ		550/-		1200/-		NQ	
	32GB		1550/-				6400/-		1300/-			NQ		780/-		1949/-		NQ	
	Key Board and Mouse																		
	USB Keyboard		375/-				640/-		480/-			380/-		480/-		620/-		NQ	
	wireless keyboard		1050/-				940/-		1600/-			1200/-		550/-		1499/-		NQ	
	optical mouse		255/-				275/-		480/-			380/-		250/-		550/-		NQ	
	wireless mouse		850/-				940/-		1250/-			1200/-		500/-		920/-		NQ	
	Binding machine heavy duty		6750/-						18700/-			10000/-		NQ		8999/-		NQ	
	Monitor																		
	17" LCD Screen		6500/-				6400/-		8200/-	18.5"		7000/-		8500/-		6500/-	Dell 18.5 inch L	9800/-	18.5 inch
	21" LCD Screen		8650/-				11400/-		11000/-	22"		7000/-		9500/-		9689/-	Dell 20 inch LED	NQ	
	22" LCD Screen		9150/-				13400/-		-			7000/-		9500/-		12889/-	Dell 21.5 inch L	11800/-	
	Internal Hard Drive																		
38	320 GB SATA/IDE		N/A				3800/-					3900/-		4900/-		NQ		NQ	
	500 GB SATA/IDE		3750/-				3900/-		3800/-			4200/-		4800/-		4680/-		NQ	
	1TB		4850/-				4700/-					5800/-		5500/-		6200/-		NQ	
	Empty CD																		
	CD-RW		45				59		60			68		45/-		45/-		NQ	
	CD-R		25				40		35			64		20/-	ONE PIECE	34/-		NQ	
	DVD-R															40/-		NQ	
	DVD-RW															55/-		NQ	
40	SMPS Power Supply (for all type of computer)		850/-															NQ	
41	Speaker Compatible with any type of Computers		750/-				3400/-		7200/-	local 600/del		NQ		6800/-		1655/-		NQ	
							2900/-		700/-					NQ		1490/-		NQ	

	Cat 6 IO Box	Cat6A IO Box with Face Plate and CATEGORY 6A Modular Jacks/IO Jack UTP CAT6A I/O with Face Plate, Single, Front Shutter				NQ	540/-		800/-		NQ		NQ		799/-		NQ
42	Rack	9U Wall-Mount Switch Rack with lock		6950/-		NQ		9400/-	-		NQ		180000/-		12500/-		NQ
	FODP	6 ports 19" Rack Mountable Fiber Patch Panel loaded with SC-SC Phase plate, SC-SC Splice tray and SC pigtails, Patch panel should be dust and rodent proof		12450/-		NQ		19400/-	-		NQ		250000/-		NQ		NQ
43	Fiber Patch cord	Fiber Patch Cord Simplex SC-SC SM 5 meter				NQ		740/-	-		NQ		NQ		NQ		NQ
44	Server	2U Rack server Specification (Mid End Server) Intel Xeon E5-4620V2 2.60GHz, 20MB Cache dual processors Cores 8 per processors 32GB(2x16GB) DDR3 Memory 2.5" hot-plug SAS,SATA embedded host controller 4x350GB (1.3TB) 7.2K RPM SAS, SATA, SFF Hard Drive Optical DVD-R drive Embedded dual port 1Gb Ethernet & 2 ports 10Gb Ethernet Adaptor (NIC) Hot-plug redundant 750Watt power supply unit Optical DVD-R drive iDRAC7/LO Express port Server system hardware device drivers software 3pin type AC power cord (Optional) USB optical keyboard & mouse (Optional) 17" LCD Screen Server rack mounting kits OS (Free DOS/Open Source)	261650	ES-2630V3 Dell R730		504375/-	FUJITSU Primerg RX2540 m4 Dual Socket 2U Rack Server	N/A			NQ		375000/-			170880/-	
															NQ		Intel Xeon E3-1220v6-8mB processors, Dell R230.
45	Projector	Light Weight WXGA Projector with 2400 lumens, HDMI, 4GB Internal Memory, and PC-less display from USB Thumb drives							38500/-				NQ		NQ		NQ
46	Printer Heavy Duty												NQ		NQ		NQ
47	Grass cutter blade												NQ		NQ		NQ
48	Lamination Machine		no						8500/-				NQ		NQ		NQ
49	Water Dispenser(hot and Cold)	20kg weight											NQ		NQ		NQ
50	Water filter(steel)	iso certified	no										NQ		NQ		NQ
51	Aerial for hand set	icom company	Pcs										NQ		NQ		NQ
52	Brush Cutter Machine	iso certified	Pcs										NQ		NQ		NQ
53	Pannel Heater 9 pannel												NQ		NQ		NQ
54	Rod Heater		Pcs										NQ		NQ		NQ