

COMPARATIVE STATEMENT FOR EQUIPMENTS AND SPARE PARTS FOR FY 2016-2017

Sl.no	Name	Specification	B.D Commercial	N G Enterprise	Panglung Enterprise
1	Pressure roller	Big/Small	8949	5400/3200	0
2	Heating Element	Big/Small	8949	3200/2500	0
3	Fuser Film	Big/Small	8949	3600/2400	0
4	Fuser assembly	Big size printer	24390	19000	0
5	Printer head	Panasonic KX-P3200 Dot Matrix	12390	0	9800
6	Printer head	Panasonic KX-P1131 Dot Matrix	12390	0	8900
7	Flat LCD	21"	12490	14000	9800
8	Flat LCD	24"	18490	19000	13500
9	VGA Card	Internal (For Desktop)	2949	2400	350
10	VGA	15-pin cable 2 m	849	8900	350
11	VGA	15-pin cable 5 m	2849	680	650
12	VGA	15-pin cable 10 m	4849	5600	1350
13	Power cable	3 pins (Round)	269	540	190
14	Power cable	3 pins (Flat)	269	540	240
15	Power cable	Loopback	349	4560	320
16	LaserJet 2035 (Printer)	Up to 33 ppm, Print quality black (best), Up to 600 x 600 dpi (1200 dpi effective output with HP FastRes 1200), Duty cycle (monthly, A4), Up to 25000 pages, Standard memory 16 MB, Memory, maximum 16 MB Processor speed 266 MHz			
17	HP Laser Jet P1007 (Printer)	HP LaserJet P1007: print speed of up to 14 ppm, first page out in under 9 seconds, 600x600 dpi, 2 MB memory, 266 MHz processor, Hi-Speed USB 2.0 connectivity, standard input capacity of 150-sheets	19790	24000	21900
18	Fast Heavy Duty Laser Printer HP LaserJet 402DN	35ppm black/ 8.5ppm duplex, maximum resolution of 1200x1200 DPI, 64MB of memory, 320MB maximum, connectivity: USB 2.0, IEEE 1284-B parallel, 10/100 Base TX Ethernet HP Jet direct embedded print server, EIO slot, Paper: 250 sheet cassette paper tray, 100 sheet multi-purpose feeder, 350 sheet total capacity (optional 500 sheet tray), USB, Network, or print cables included, standard warranty: 1 year.	8949	9500	8900
19	Printer HP Color Laser Jet (or equivalent): HP laserJet 1025	Print speed Black: up to 12ppm, print speed colour: up to 8ppm, print quality black: up to 600x600 dpi, print quality colour: up to 600x600 dpi, print technology: In-line colour laser printing technology, standard memory: 16MB, processor speed: 264 MHz, paper handling standard/ input: 150-sheet input tray, paper handling standard/ output: 125-sheet face-down output bin.	24790	0	34900
			19790	34000	1900

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20	Printer HP Color Laser Jet Pro M452dn	Printer Category: Laser, Type: Printer Only, Color or Monochrome: 1-pass color, Technology (for laser category only): Laser, Connection Type: USB, Ethernet, Wireless, Maximum Standard Paper Size: Legal, Number of Cartridges: 4, Number of Ink Colors: 4, Direct Printing from Cameras: No, LCD Preview Screen: Yes, Rated Speed at Default Settings (Mono): 28 ppm, Rated Speed at Default Settings (Color): 28 ppm, Duty Cycle: 50,000 pages per month	48790	0	67000
21	Printer HP Color Laser Jet Enterprise M551	or equivalent: HP Laserjet 551dn	239490	0	0
22	Printer HP Laserjet P3015dn	or equivalent	41790	49000	0
23	Printer HP Laserjet P3015d	or equivalent	39490	49000	34900
24	Printer HP Laserjet Printer P3005d	or equivalent	39490	39000	37500
25	Printer HP Laserjet Printer 1320	or equivalent	18790	9900(Canon	0
26	Printer 1020	or equivalent	8949(1006)	29000	0
27	Lamination: Gobbler Type-320	Advanced inner-heat technology,, 8-bite microprocessor control system, Speed and temperature freely adjustable, Max Sheet Width: 650mm, Max Sheet, Thickness: 5mm, Sheet Speed: 200-1600mm/min: Sheet Temperature: 0~140°C: Voltage\ : AC110V, 220V/50Hz, 60Hz are available: Power: 1600W: Size: 1100*640*490(mm)	5849	12000	5500
28	Stabilizer	Stabilizer 1 KVA Stovol/equivalent	2849	0	3500
29	Stabilizer	Stabilizer 1.5 KVA Stovol/equivalent	4379	0	4500
30	Stabilizer	Stabilizer 2 KVA Stovol/equivalent	5489	0	9800
31	Digital Camera: sony W800	16.1 megapixel camera with 10x optical zoom with carry bag and charger	8479	12000	9800
32	Digital Camera	14.1 megapixel resolution with 21x optical zoom and carry bag and charger.	8479	10500	13500
33	Digital Camera	12.1 megapixel resolutions with 12x optical zoom and with carry bag and charger.	8479	9900	37500

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34	Nikon D810 DSLR	<p>Lens Mount Nikon F</p> <p>Imaging: Camera Format Full-Frame (1.0x Crop Factor) Pixels Actual: 37.09 Megapixel, Effective: 36.3 Megapixel, Max Resolution 7360 x 4912, Aspect Ratio 3:2, Sensor Type / Size CMOS, 35.9 x 24.0 mm, File Formats Still Images: JPEG, RAW, TIFF, MOV, MPEG-4 AVC/H.264, Audio: Linear PCM, Bit Depth 14-bit, Dust Reduction System Yes, Memory Card Type CompactFlash, SD, SDHC, SDXC,</p> <p>Exposure Control</p> <p>ISO Sensitivity Auto, 64-12800 (High Sensitivity Mode: 32-51200), Shutter Type: Electronic & Mechanical, Speed: 30 - 1/8000 seconds, Bulb Mode, Mirror Lock-Up Yes, Metering Method 3D Color Matrix Metering, Center-weighted average metering, Spot metering, Highlight Weighted, Exposure Modes,</p> <p>AV Recording</p> <p>Video Recording Yes, NTSC, File Size 1920 x 1080p (Full HD), 1280 x 720p (HD), Frame Rate @ 1920 x 1080: 60 fps, 30 fps, 24 fps, 50 fps, 25 fps, @ 1280 x 720: 60 fps, 50 fps, Exposure Control Auto: Shutter, Wi-Fi Capable Yes (with Optional Transmitter)</p> <p>Power</p> <p>Battery 1x EN-EL15 Rechargeable Lithium-ion Battery Pack, 7.0 VDC, 1900 mAh, AC Power Adapter EH-5b (Optional)</p> <p>Physical</p> <p>Dimensione (WxHxD) 5.7 x 4.8 x 3.2" / 146.0 x 123.0 x 81.5 mm, Weight 21.04 oz / 880 g</p> <p>Lens Mount Canon EF, Canon EF-S, Camera Format APS-C (1.6x Crop Factor), Pixels Actual: 24.7, Megapixel, Effective: 24.2 Megapixel, Max Resolution 24 MP: 6000 x 4000, Aspect Ratio 3:2, Sensor Type / Size CMOS, 22.3 x 14.9 mm, File Formats Still Images: JPEG, RAW, MOV, MP4, Audio: AAC, Bit Depth 14-bit, Dust Reduction System Yes, Memory Card Type SD, SDHC, SDXC</p> <p>Focus Control</p> <p>Focus Type Auto & Manual, Focus Mode Automatic (A), Continuous-servo AF (C), Manual Focus (M), Single-servo AF (S), Autofocus Points Phase Detection: 19, 19 cross-type</p> <p>Viewfinder/Display</p> <p>Viewfinder Type Pentamirror, iefinder Eye Point 19.00 mm, Viewfinder Coverage 95% Viewfinder Magnification Approx. 0.82x, Diopter Adjustment - 3 to +1 m, Display Screen 3" Pivoting Touchscreen LCD (1,040,000), Screen Coverage 100%</p> <p>Exposure Control</p> <p>ISO Sensitivity 100-12800 (Extended Mode: 100-25600), Shutter Type: Electronic & Mechanical, Speed: 1/4000 - 30 seconds, Remote Control RC-6, RS-60E3 (Optional)</p>	244950	0	47000
35	Canon EOS Rebel 1300D DSLR	<p>Kit w/ 18-55 mm Lens -Nikkon</p> <p>Kit I EF-S18-55mm IS II Lens - cannon</p> <p>Kit III (EF S18-200mm Lens) DSLR -Cannon</p>	48790	0	0
36	DSLR Camera Lens		9890	0	0
			9890	0	0
			48390	0	0

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37	Nikon D5200 Camera	1. Sensor resolution (type): 24MP CMOS 2. Autofocus System: 39 AF points (9 cross-type) 3. ISO sensitivity range: 100-6400 (H1 and H2 expansion up to 25,600 equiv) 4. Maximum framerate (DX mode): 5 fps 5. Movie Mode: 1080 60i/30p 6. Dimensions: 129 x 98 x 78 mm (5.1 x 3.9 x 3.1 in)	54790	0	0
38	Projector: Infocus IN112	Brightness: 2500 ANSI Lumens (Max) Contrast Ratio: 2200:1 Typical (Full On / Full Off) Resolution: SVGA native resolution (800x600) Uniformity: 90% Typical (Japan Standard - JBMA) Projection Lens: F-Stop: F/ 2.41-2.55 Focal length, f=21.8~24mm Zoom Lens: Manual 1.1x Throw ratio: 1.95 (wide) - 2.15 (tele) Image Size: 58.16 - 769.62 cm (22.9" - 303") (diagonal) Projection Distance: 3.28 ft ~ 39.37 ft (1m ~ 12m) 3D-Capable: Yes	31790	0	0
39	Projector: Infocus IN124	Brightness: 3500 ANSI Lumens (Max.) Contrast Ratio: 2100:1 Typical (Full On / Full Off) Resolution: WXGA (1280 x 800) Uniformity: 85% Typical (Japan Standard - JBMA) Projection Lens: F-Stop: F/2.4~2.66 Image Size: 92.20 ~ 919.48 cm (36.3" ~ 362") (diagonal) Projection Distance: 1.2m ~ 10m Set Up: 3D - Enabled 6 LAMP Lamp Life Cycle: Up to 3000-hour Normal Mode Up to 4000-hour Eco-Mode Lamp Type: Philips 225W user-replaceable Lamp Warranty: 1-year	39790	39000	34500
40	Full HD Projector: Dell 1610HD	Brightness: 4000 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 Cycle: Up to 1,500 hours Normal Up to 2,000 hours Eco-Mode Lamp Type: Philips 400W user-replaceable Lamp Warranty: 1 year	68790	45000	57500
41 UPS		Philips 400W user-replaceable Lamp Warranty: 1 year	5890	85000	99000
42 UPS		800 VA: Microtek	4690	3900	7800
43 UPS		650 VA: Microtek	4690	3100	2900
44 UPS		600 VA: Microtek	4690	3100	2750
45 Server UPS		1000 RS: Microtek	6390	10000	7900
46 Server UPS		APC Back-UPS 1100	7490	0	6900
		APC Smart-UPS 2200VA RM 2U LCD (120V)	38790	0	89000

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47	Server UPS	APC Smart-UPS 5000VA RM 2U LCD (120V)	112790	0	225000
48	Photocopy machine (light duty) - CS 1815	Print Technology:- Monochrome Laser, print Speed (Black normal Quality, A4):- up to 33ppm, Pages per month:- up to 100000pages, maximum:- 320 MB, Processor speed:- 400MHz,	48790		
49	Digital Copier 18 CPM				
49	Cartridge for CS-1815/18cpm		1949	0	44000
50	Photocopy machine (medium) - 20-25cpm: Canon 2202N	18 CPM letter sized paper, Legal sized copy speed has also been increased to a rapid 18 copier per minute, runs at 600 x 600 dots per inch, 16 MB MB-6 copy memory board, it can be print 15,000 page per month, 15 pages per minute with Print Scan Fax Facility.	68490	0	4800
51	Cartridge for (medium)-20- 25cpm		34490	72000	69000
52	Photocopy Ricoh MP2000L2	Same as Ricoh MP2000L2 or Equivalent		3200	4900
53	Bizhub 164	Bizhub 164 or Equivalent	119790	4500	0
54	Xerox WorkCentre 5022 Multifunction	or equivalent	48790	0	49000
55	Toner for Xerox WorkCentre 5022 Multifunction Laser Printer		121790	0	130000
56	Drum cartridge for Xerox WorkCentre 5022 Multifunction Laser Printer		7490	0	2900
57	DRC-SR-20b (Video Camera)	DRC-SR-20b or equivalent	13790		
58	Handycam (Video Camera)	Handycam® HDR-CX520 or equivalent	43790	0	9900
59	Handycam (Video Camera)	Handycam® HDR-CX500 or equivalent	54980	0	0
60	Sony P780 (Video Camera)	Or equivalent	63790	0	0
61	Panosonic kx - FP701 (Fax machine)	Plain paper fax and copier function	87490	0	0
62	Fax ink flim	Panasonic KX-FP701	11490	11000	8900
63	Panasonic Laser Fax Machine	The lid on top of the scan bed has a capacity of 20 sheets. Immediately below are controls for functions such as scan, copy and fax, An LCD screen shows you the count of faxes sent and the amount of copies to be done, you have provision for attaching a USB cable, a fax line and even an answering machine, You can also adjust the setting for different paper types like A4, letter and legal.	349	1500	450
64	Fax ink flim for Panasonic Laser Fax Machine		23790		
65	Cyclostyine Machine	Gester 145	1849	0	19800
66	HP Scanjet G2410 Flatbed Scanner (L2694A)	Scan type :- Flatbed, Optical scanning resolution:- up to 1200dpi, Bit debth:-48bit, Gray scale levels:- 256, Multi feed detection :- no, Auto document feeder capacity:- None, scan speed:- 10x15cm colour to fole: about 21sec, OCRA4 text page to Microsoft word: about 47sec; 10x15 cm clour photo to share/email: about 34sec, PDF to email about 67 sec, Scan size flatbed(maximum):- 216x297 mm	34790	0	5900
			5890	0	32000
				7200	5400





67	HP Scanjet 8390 Document Flatbed Scanner (L1962A)	Scanner type :- Flatbed, ADF, Scan resolution, hardware :- Up to 4800 x 4800 dpi, Duty cycle, daily feeder capacity :- Up to 1000 pages per day, Bit depth :- 48-bit, Levels of grayscale :- 256, Automatic document ipm (letter, black and white, 200 dpi, TIFF file, using HP Smart Document Scan Software), Transparency adapter:- Integrated into lid; 3 templates supporting 18 negatives, 8 mounted slides, 1 medium format film, 1 large format film up to 4 x 5 in, Maximum scan size - flatbed :- 8.5 x 14 in, Maximum scan size - ADF :- 8.5 x 14 in, Media types :- Paper (inkjet, photo, plain), envelopes, cards (greeting, index), 3-D objects, 35 mm slides and negatives, medium and large format film up to 4 x 5 in (using transparent materials adapter)	24790	230000	9700
68	HP Scanner G4050	or equivalent			
69	HP scanjet G4050	or equivalent			
70	HP scanjetprofes sional 3000- document scanner	or equivalent	5890 ✓	0	49000
71	HP Scanjet 200	or equivalent	5890 ✓	0	47500
72	Television (any brand)	or equivalent	12490 ✓		
Inches 32					
			5890	72000	46000
			34390	7200	5400
				31000	27000

Total = 35 8 30

Evaluation Team:

1 Nima Wangchuk(head)

2 Tashi Dorji (member)

3 Tshering Jamtsho (member)

Dzongkhag Tender Committee/Awarding Committee

1 Chewang Jurni (chairman)

2 Hemant Gurung (Member)

3 Phuntsho Tshering (Member)

4 Penjor Drukpa (member)