



## **Specification for ICT Equipment for JSF Project Office**

**Project Name: Justice Sector Facility.**

**Implementing Partners: Ministry of Law, Justice and Parliamentary Affairs (Law and Justice Division), NLASO, UNDP and DFID.**

## List of items and Specifications of ICT Equipment

The tenderer should submit their tender as per below grouping of the items and can submit for all groups or any number of groups/groups of items. The group name/names should be mentioned on top of the sealed envelope as per tender schedule instruction.

Item No.	Description Of Item	Qty Required	Group	Specifications
1	Color printer	1	<b>A</b>	Specification section-1.1
2	Black & white printer	2		Specification section-1.2
3	Laser printer	3		Specification section-1.3
4	Photocopier	1		Canon imageRUNNER 2545
5	Scanner	1		Specification section-1.9
6	Digital Sender	1		Specification section-1.11
7	Multimedia Projector	2	<b>B</b>	Specification section-1.5
8	Portable Projector	1		Specification section-1.6
9	Projector Screen with installation	1		Specification section-1.7
10	Portable Projector Screen	1		Specification section-1.8
11	Laptop	4	<b>C</b>	Specification section-1.4
12	UPS for servers	1		Specification section-1.10
13	Server rack [Tower server]	1		Standard rack for tower
14	AC	3	<b>D</b>	General Ceiling AC 3 ton-2 and General split AC 1 ton-1
15	AC controller switch	1		Standard
16	Presentation pointer	2	<b>E</b>	Standard
17	PC Speaker with subwoofer	2		Standard
18	Portable Hard Drive	2		2 TB, International Brand

### Specification section-1.1

Item	Workgroup Laserjet Printer -A4 Color
Brand	HP Standard
Model	Please Mention
County of Origin	Please Mention
Category	Color
Paper size	A4
Processor speed	515 MHz
RAM	1024 MB
Hard Disk	Optional
Paper tray	3
First page out	11 seconds from Ready
Print Speed	30 ppm
Duty Cycle per Month	75000 pages
Paper Input	Tray 1:100 sheet ; Tray 2: 250 sheet; Tray 3: 500 sheet
Paper Output	250-sheet output bin
Media Type	Paper, envelopes, labels, cardstock, transparencies, user defined
Media Size	Tray 1: 98 x 148 to 216 x 356 mm; Tray 2&3: 148 x 210 to 216 x 356 mm.
Resolution	1200 x 600 dpi
Duplex printing	Yes
Interface Connectivity	USB 2.0; Gigabit Ethernet
Compatible OS	Microsoft, Mac, Novell, Linux and UNIX based
Supplies	Toner set (Black 10500P,Cyan 7000P, Yellow 7000P, Magenta 7000P)
Brochure with specification	Please provide
On-site Warranty	3 years

### Specification section-1.2

Item	Workgroup Laserjet Printer - A4 B&W
Brand	HP Standard
Model	Please Mention
County Of Origin	Please Mention
Category	Black & White
Paper size	A4
Processor speed	800 MHz
RAM	1 GB
Harddisk	Optional
Paper tray	3
First page out	8.5 seconds from Ready
Print Speed	Min 50 ppm
Duty Cycle per Month	225,000 pages
Paper Input	Tray 1:100 sheet ; Tray 2: 500 sheet; Tray 3: 500 sheet
Paper Output	500-sheet output bin, 100-sheet rear output bin
Media Type	Paper; Transparencies; A half edge labels; User-defined
Media Size	Tray 1: 76 x 127 to 216 x 356 mm; Tray 2&3: 148 x 210 to 216 x 356 mm.
Resolution	1200 x 1200 dpi
Duplex printing	Yes
Interface Connectivity	USB 2.0; Gigabit Ethernet; 2 Host Hi-Speed USB 2.0; HIP.
Compatible OS	Microsoft, Mac, Novell, Linux and UNIX based
Supplies	Accessories and toner cartridge for 24000 pages
Brochure with specification	Please provide
On-site Warranty	3 years

### Specification section-1.3

Item	Personal Laserjet Printer- A4 B&W
Brand	HP Standard
Model	Please Mention
County of Origin	Please Mention
Category	Black & White
Paper size	A4
Processor speed	266 MHz
RAM	16 MB
Hard Disk	Optional
Paper tray	2
First page out	8 seconds from Ready mode
Print Speed	30 ppm
Duty Cycle per Month	25,000 pages
Paper Input	Tray 1:50-sheet, Tray 2: 250-sheet
Paper Output	150-sheet output bin
Media Type	Paper; Transparencies; A half edge labels; User-defined
Media Size	Tray 1: 76 x 127 to 216 x 356 mm; Tray 2: 105 x 148 to 216 x 356 mm.
Resolution	600 x 600 dpi
Duplex printing	Manual
Interface	One Hi-Speed USB 2.0 port, built-in HP Fast Ethernet print server
Compatible OS	Microsoft, Mac, Novell, Linux and UNIX based
Supplies	Accessories and toner cartridge for 2300 pages
Brochure with specification	Please provide
Dimensions	Not more than 350 x 362 x 256 mm
On-site Warranty	3 years

#### Specification section-1.4

Item	Entry Level Note Book
Brand	Dell
Model	Please mention
Country of origin	Please Mention
Assembled in	Please Mention
Processor	3rd gen Intel® Core™ i3-3110M Processor (2.4GHz)
Cache	Min 3 MB
Chipset	Mobile Intel HM77 Express Chipset or Higher
Memory	4GB, DDR3-1600MHz SDRAM
Hard Disk	500GB, 7200rpm
Connectivity	Gigabit NIC, Bluetooth, Wireless LAN, Integrated webcam
Graphics	Intel HD Graphics 4000
Display	Approx. 14.0" HD (1366x768) Anti Glare LED-backlit
Mouse	USB Optical Scroll Mouse (External)
Input Device	Single pointing Keyboard
NIC	Integrated (10/100/1000 mbps)
Ports	RJ-45, USB 2.0 (1), USB3.0 (2) – 1 USB 3.0/eSATA combo, Stereo headphone/Microphone combo jack, Memory card reader, 54 mm Express Card, Docking Connector, VGA, HDMI, 1 Full and 2 Half Mini Card Slots,
Optical Drive	8X DVD+/- RW drive
Sound System	Integrated with high definition audio
Battery	6-cell (60Wh) Lithium Ion battery with Express Charge, Min 4 hours backup with 1 year warranty
Power Supply	65W AC Adapter
Power plug	3 flat-pin with fuse
Standard SW	PC management Software, Driver for windows 8
Carrying Case	Standard Carrying Case from the same OEM
Weight	Not more than 2.3 Kg
OS	Genuine License Windows 8 Professional

Media	Driver for Widows 8 (32 bit), OS CD
Brochure with specification	Please provide
On-site Warranty	3 Years

### Specification section-1.5

Item		Midrange Multimedia Projector
Brand		Hitachi
Model		CP-X5022WN 5000 ANSI Lumens 3LCD Projector
County Of Origin		Please mention
Liquid crystal panel		0.63 type (inch), 1.6cm polysilicon active-matrix TFT x 3
Number of pixels		786,432 pixels (H1,024 x V768)
Resolution		1,024 x 768 color pixels (XGA)
Manual zoom		X 1.2
Lamp		210W UHP
Light output (Brightness)		4,000 lumens
Contrast ratio		2,000:1 (Iris ON)
Audio		16W mono (8W x 2)
Keystone correction		Auto vertical keystone
Power supply		AC220-240V
Operating temperature		5-35°C(41-95°F)
Input signals	Computer input	VGA, SVGA, XGA, WXGA, SXGA, SXGA+, UXGA, MAC16"
	Video input	NTSC, NTSC4.43, PAL, SECAM, M-PAL, N-PAL
		HDTV: 720p@50/60, 1080i@50/60, 1080p@50/60
		SDTV: 480i, 480p, 576i, 576p
Input/output terminals	Video input	S-Video: Mini Din 4-pin x 1, Composite video: RCA jack x 1, Component video: RCA, jack x 3
	Audio input	Stereo Mini jack x 2, RCA jack x 2(L/R)
	Computer input	Analog RGB: 15-pin Mini-Dsub x 2
	HDMI input	HDMI x 1
	Audio output	RCA jack x 2 (L/R)
	Monitor output	Analog RGB: 15-pin Mini-Dsub x 1

	USB	USB type A x 1 for PC-less presentation, USB type B x 1 for USB display, USB mouse control
	Control	9-pin Dsub x 1 for RS232C
	Wired network (LAN)	RJ-45 x 1
	Mic. Input	Mono Mini jack x 1 (compatible with dynamic microphone and unbalanced signal lines)
Weight		Approximately 3.5kg (7.7 lbs.)
Standard accessories		Computer cable, remote control, batteries, lens cover, power cord, user's manual, security label, application software for LAN display
Remote Controller		Laser remote control
Carrying Case		Hard carrying case (standard)
Brochure with specification		Please provide
On-site Warranty		Min 3 Years

### Specification section-1.6

Item		Entry level Multimedia Projector
Brand		Hitachi
Model		CP-X3030WN 3200 Lumen 6000 Hours LCD Projector
Country of Origin		Please mention
Liquid crystal panel		0.63 type (inch), 1.6cm polysilicon active-matrix TFT x 3
Number of pixels		786,432 pixels (H1,024 x V768)
Resolution		1,024 x 768 color pixels (XGA)
Manual zoom		X 1.2
Lamp		200W UHB
Light output (Brightness)		3,200 lumens
Contrast ratio		500:01:00
Audio		1W mono
Keystone correction		Auto vertical keystone
Power supply		AC220-240V
Operating temperature		5-35°C(41-95°F)
Input signals	Computer input	VGA, SVGA, XGA, WXGA, SXGA, UXGA, MAC16"(up to UXGA with manual adjustment)
	Video input	NTSC, NTSC4.43, PAL, SECAM, M-PAL, N-PAL HDTV: 720p@50/60, 1080i@50/60, 1080p@50/60

		SDTV: 480i, 480p, 576i, 576p
Input/output terminals	Video input	S-Video: Mini Din-4 pin x 1 Composite video: RCA jack x 1 Component video: via D-sub x 2
	Audio input	Stereo Mini jack x 2
	Computer input	Analog RGB: 15-pin Mini-Dsub x 1
	HDMI input	HDMI x 1
	Audio output	Stereo Mini jack x 1
	Monitor output	Analog RGB: 15-pin Mini-Dsub x 1
	Control	9-pin Dsub x 1 for RS232C
	Control	9-pin Dsub x 1 for RS232C
Weight		Approximately 2.2kg (4.9 lbs.)
Standard accessories		Computer cable, Remote control, Batteries, Lens cover, Power code, User's manual, Security label
Remote Controller		Laser remote control
Carrying Case		Hard carrying case (standard)
Brochure with specification		Please provide
On-site Warranty		3 Years

### Specification section-1.7

Standard projector screen for conference room with remote controlled rolling-up facility.

### Specification section-1.8

Projector Screen Small	
Brand	Please mention
Model	Please mention
County of Origin	Please mention
Screen Type	Portable with Tripod
Screen Size	70" x 93"
Brochure with specification	Please provide

### Specification section-1.9

Scanner	
Item	Handheld Scanner
Brand	Please Mention
Model	Please Mention

Country of Origin	Please Mention
Features	Portable, scans almost anything flat-surface
Sensor	Color Contact Image Sensor
Resolution	600 x600 dpi
File Format	PDF and/or JPEG
Scanning Length	Standard
Display	LCD/LED
Auto Power Off	Yes
Date and Time Setting	Yes
Scanning speed	2 sec (b&w), 3 sec (color)
White Balance	Auto
USB Port	At least USB 2.0
Power Source	240 direct supply
Compatible OS	Microsoft and Mac based.
OCR Software	Yes
Others Hardware & Software	Please Mention
Brochure with specification	Please provide
On-site Warranty	3 years

### Specification section-1.10

Item	UPS for Server - Tower
Brand	Internationally renowned brand
Model	Please mention
Country of origin	Please Mention
Assembled in	Please Mention
Capacity	2200 VA
Output Voltage	230V
Output Voltage distortion	Less than 5%
Output Voltage Note	Configurable for 220 : 230 or 240 nominal output voltage
Output Frequency	50/60 Hz
Output Connections	(8) IEC 320 C13 (1) IEC 320 C19 (3) IEC Jumpers
Nominal Input Voltage	230V

Input Frequency	50/60 Hz +/- 3 Hz (auto sensing)
Input Connections	British BS1363A IEC-320 C20 Schuko CEE 7/EU1-16P
Cord Length	2 meters
Input voltage range for main operations	160 - 286V
Input voltage adjustable range for mains operation	151 - 299V
Other Input Voltages	220,240
<b>Batteries &amp; Runtime</b>	
Battery Type	Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof
Typical recharge time	3 hour(s)
<b>Communications &amp; Management</b>	
Interface Port(s)	USB
Available SmartSlot Interface Quantity	1
Control panel	Multi-function LCD status and control console
Audible Alarm	Alarm when on battery : distinctive low battery alarm : configurable delays
Data Line Protection	Analog phone line for phone/fax/modem/DSL (RJ-11 connector), Network line - 10/100/1000 Base-T Ethernet (RJ-45 connector)
<b>Physical</b>	
Net Weight	Not more then 50 KG
Color	Black
Software	UPS Manage ment Software
Brochure with specification	Please provide
On site warranty	3 Years (Battery 1 Year)

### Specification section-1.11

Digital Sender	
Item	Digital Sender
Brand	HP Standard
Model	Please Mention



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County of Origin	Please Mention
Scanning Type	Flatbed, ADF
ADF supported media size	8.5 x 34 in
Flatbed supported media size	8.5 x 14 in
Input Type	Color
Resolution	600 x 600 dpi
Bit Depth	24-bit
Max Document Scan Speed	60 ppm (b&w); 45 ppm (color)
ADF Capacity	100 pages
Duty Cycle (Daily)	5,000 pages
Connectivity	Hi-Speed USB Host (rear/walk-up), Gigabit Ethernet, HIP
Brochure with specification	Please provide
On-site Warranty	3 Years

For any technical query: ICT Manager, JSF, UNDP; Cell No: 01916100810