دولة الكـــــويت

المؤسسة العامة للرعاية السكنية

Request for Proposal (RFP)

كراسة المواصفات الفنية الخاصة بمناقصة

شراء حاسب آلي وملحقاتها للمؤسسة العامة للرعاية السكنية

2022

Table of
Content

No	Item	Qty
1	Personal Computers (I7)	172
2	Personal Computers (I9)	30
3	A4 Color Printer	5
4	A4 B/W Printer	90
5	All in One Printer	10
6	A3, A4 Color LaserJet Printer	8
7	A4 Scanner	26
8	Laptop (I7)	3
9	Laptop (M1)	2
10	Data Show	1
11	All in one PC	20

1) Personal Computers (Qty:172)

S/n	Items	Specification
1	Processor	Intel Core i7-12700 2.10G 25MB 12 cores 65W
3	Ram	16GB (1x16GB) DDR5 4800 UDIMM Memory
4	Hard disk	512GB 2280 PCIe NVMe Value Solid State Drive 1TB PCIe 2280 NVMe Value 2nd Solid State Drive
	Chipset	Intel® Q670 (vPro®)
5	Graphic card	Integrated, Intel® UHD Graphics
6	Ethernet	Gigabit Ethernet.
7	CD-DVD	DVD-Writer ODD
10	Monitor	P24 G4 FHD Monitor (1 VGA; 1 DisplayPort™ 1.2 (with HDCP support); 1 HDMI 1.4 (with HDCP support) + Speaker Bar
11	Output Devices	Slim Professional A/E USB Keyboard and optical USB Scrolling Mouse.
12	Ports	Front 1 headphone/microphone combo; 4 SuperSpeed USB Type-A 10Gbps signaling rate; 1 SuperSpeed USB Type-C® 20Gbps signaling rate Rear 1 audio-in/out; 1 RJ-45; 1 HDMI 1.4; 3 SuperSpeed USB Type-A 5Gbps signaling rate; 2 DisplayPort™ 1.4; 3 USB Type-A 480 Mbps signaling rate
13	Operating System	Original OEM Microsoft Windows 10 Pro 64Bit. installed on the PCI Nvme drive

2) Personal Computers (Qty:30)

S/n	Items	Specification
1	Processor	Intel® Core™ i9-12900 Processor (2.4 GHz, up to 5.1 GHz w/Boost, 30 MB cache, 16 core, 65W) + Intel®
3	Ram	32GB (2x16GB) DDR5 4800 UDIMM Memory
4	Hard disk	512GB M.2 2280 PCIe NVMe TLC Solid State Drive 2TB SATA SSD 2.5in
5	Graphic card	NVIDIA GeForce RTX 3090 24 GB GDDR6X FH PCIe x16 Graphics
6	Ethernet	Gigabit Ethernet.
7	CD-DVD	9.5mm DVD-Writer 1st ODD
8	Display Port	DVI-HDMI, VGA
9	Audio	HD Audio (full duplex) with Front & Rear Audio Ports.
10	Monitor	27inch IPS QHD (same brand as PC). Contrast ratio: 1000:1. Signal input connectors: 1 VGA; 1 USB Type-B; 1 DisplayPort™ 1.2 (with HDCP support); 1 HDMI 1.4 (with HDCP support); 4 USB-A 3.2 Gen 1
11	Output Devices	Slim Professional A/E USB Keyboard and optical USB Scrolling Mouse.
12	Ports	Front:4 SuperSpeed USB Type-A 10Gbps signaling rate (1 charging); 1 universal audio jackBack: Rear: audio-in; 1 audio-out; 1 RJ-45; 2 DisplayPort™ 1.4; 2 SuperSpeed USB Type-A 10Gbps
13	Operating System	Original OEM Microsoft Windows 10 Pro 64Bit. installed on the M.2 2280 PCIe NVMe drive

3) <u>A4 Color Printer (Qty:5)</u>

S/n	Item	Specification
1	Printer	(Laser Color).
2	Paper handling:	100-sheet multipurpose tray, 550-sheet input tray 2. Extend 550-sheet input tray3,
3	Duplex:	Automatic (standard).
4	Connectivity:	Hi-Speed Device USB 2.0; 2 Hi-Speed USB 2.0 Host; 1 Gigabit/Fast Ethernet 10/100/1000 Base-TX network
5	Processor Speed:	1.2 GHz.
6	Display and input:	2.7-in (6.86 cm) QVGA LCD (color graphics) display with 24-key pad
7	Print:	Print speed black Up to 35 ppm. Print Speed Color Up to Up to 35 ppm
8	Print Resolution:	ImageREt 3600 black ImageREt 3600 color
9	Memory:	1 GB
10	Included Items	USB cable 3 Meter
11	Recommended monthly page volume	2000 to 8500

4) <u>A4 B/W Printer (Qty:90)</u>

S/n	Item	Specification
1	Printer	(Laser Black & White).
2	Paper handling:	Tray 1 (100-sheet capacity). Tray 2 (250-sheet capacity).
3	Duplex:	Automatic duplex printing.
4	Connectivity:	10/100/1000 Ethernet LAN connection with IPv4 and IPv6, 1 Hi-Speed USB 2.0; 1 host USB at rear side
5	Display and input:	2-line backlit LCD graphic display
6	Print:	Up to 40 ppm (default) ; Up to 42 ppm (HP High Speed)
7	Print Resolution:	Black (best) 1200 x 1200 dpi FastRes1200, ProRes1200, Economode
8	Processor Speed:	1200 MHz
9	Memory:	Standard: 256 MB; Maximum: 256 MB
10	Size:	Max size 381 x 357.12 x 215.9 mm
11	Included Items	USB cable 3Meter
12	Recommended monthly page volume	750 4000

5) All-in-One Printer (Qty:10)

Item	Specifications
Print Technology & Functions	Color Print, copy, scan, fax
Print Speed	Up to 40 ppm
Resolution	Black 1200 x 1200 dpi Color 2400 x 2400 dpi
Print Technology	Laser
Print Resolution Technologies	ImageREt 3600
Number of print cartridges	4 (1 each black, cyan, magenta, yellow)
Print languages	PCL 6, PCL 5c, postscript level 3 emulation, PDF
Scan Type / Technology	Flatbed, ADF
Scan Resolution	Up to 1200 dpi
Scan File Format	JPEG, PDF, PDF/A , PNG, RTf, txt, TIFF
Scan Input Modes	Windows: Scanning via LaserJet Scan; Macintosh: Director or TWAIN-compliant or WIA-compliant software
Scan Size	ADF: 216 x 356 in Maximum
Scan Speed	Up to 25 ipm (monochrome and colour)
Bit depth / Grayscale levels	24-bit; 256
Copy Speed	Black up to 40 cpm
Copy Resolution	Black up to 600 dpi

Item	Specifications
Fax Speed	Up to 100 numbers
Fax Resolution	300 x 300 dpi
Fax Features	Fax Memory: Up to 100 pages (black and white) up to 8 pages (colour); Auto Fax Reduction Supported: Yes; Auto-Redialing:
Standard Connectivity	Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Ethernet 10/100 Base-TX network; 2 RJ-11 modem port/phone line; 802.11 b/g/n Station; 802.11 b/g Access Point
Network Capabilities	Standard (built-in Ethernet and WiFi 802.11 b/g/n)
Network Ready	Standard (built-in Ethernet and WiFi 802.11b/g/n)
Memory	1.25 GB
Processor Speed	1.2 GHz
Media Types Supported	A4, A5(L), A5(P), A6, B5, B6, 16k, 10 x 15 cm, Post Cards (JIS); Envelopes (DL, C5, B5)
Paper Handling	Input 550 sheets / 100 sheets by pass
Product Dimensions	16.5 x 16.4 x 12.7 in
Display Description	10.92 cm (4.3") CGD (Color Graphic Display) IR touchscreen
Power	Input voltage: 220 to 240 VAC (+/-10%),50/60Hz(+/-3Hz)

6) A3, A4 Color LaserJet Printer (Qty:8)

S/n	Item	Specification
1	Printer	(Laser Color).
2	Paper handling:	Standard 100-sheet multipurpose tray, 250-sheet input tray 2. Extend 550-sheet input tray3,
3	Duplex:	Automatic (standard).
4	Connectivity:	1 Hi-Speed Device USB 2.0; 2 Hi-Speed USB 2.0 rear host ports; 1 walkup USB 2.0 host port; 1 Gigabit/Fast Ethernet 10/100/1000 Base-TX network port;
5	Processor Speed:	1.2 GHz.
6	Display and input:	6.86 cm (2.7 in) QVGA LCD (colour graphics); Rotating (adjustable angle) display with 24-key pad
7	Print:	Print speed black Up to 41 ppm. Print Speed Color Up to 41 ppm
8	Print Resolution:	Up to 1200 x 1200 dpi Print quality black Up to 1200 x 1200 dpi Print quality color
9	Memory:	1.5 GB
10	Included Items	USB cable 3 Meter
	Recommended monthly page volume	Up to 40,000

7) A4 Scanner (QTY= 26)

S/n	Item	Specification
2	Scanner Type	ADF (Automatic Document Feeder), Duplex
3	Scanning Speed	Simplex: 60 ppm (200/300 dpi) Duplex: 120 ipm (200/300 dpi)
4	Optical Resolution	600 dpi
5	Output Resolution	50 to 600 dpi (adjustable by 1 dpi increments, 1,200 dpi)
6	Output Color Depth	Color: 24-bit, Grayscale: 8-bit, Monochrome: 1-bit
7	Interface	USB 3.0 / USB 2.0 / USB 1.1
8	Image Processing Function	Multi image output, Automatic color detection, Blank page detection, Dynamic threshold (iDTC), Advanced DTC, SDTC, Error diffusion, Dither, De-Screen, Emphasis, Dropout color (None/Red/Green/Blue/White/Saturation/Custom), sRGB output, Hole punch removal, Index tab cropping, Split image, De-Skew, Edge filler, Vertical streaks reduction, Cropping, Static threshold, Moire removal
9	Scanning	Simplex: 60 ppm, Duplex: 120 ipm (200 dpi / 300 dpi)
10	ADF Capacity	80 Sheets (A4: 80 g/m2 or 20 lb.)
11	Expected Daily Volume	9,000 Sheets
12	Dimensions Max	300 x 170 x 163 mm

8) Laptop (Qty:3)

S/n	Items	Specification
1	Processor	Intel® Core™ i7-1165G Processor (up to 4.7 GHz 12 MB L3 Cache) + Intel®
3	Ram	16 GB DDR4 Memory
4	Hard disk	512 GB SSD
5	Graphic card	Integrated, Intel® Iris® Xe Graphics
6	Display Size, Screen Resolution	15.6" diagonal, FHD, IPS, micro-edge, anti-glare. 1920 x 1080p.
7	CD-DVD	DVD-Writer.
8	Wireless, Webcam	Integrated Wi-Fi(802.11) and Bluetooth 3.0+, HD Camera
9	Network connection	Integrated 10/100/1000 Mbps Full Duplex Ethernet
9	Audio	B&O Dual Speakers.
10	Power Supply, Battery Type	65 W Smart AC power adapter, 3-cell, 43 Wh Li-ion
11	Output Devices	Slim Professional A/E USB Keyboard and optical USB Scrolling Mouse.
12	Ports	Built in USB ports 3 , USB type 1 , display port 1 , HDMI 1,
13	Battery Type	Minimum 7 Hours battery life, Lithium iop Battery Cell
14	Carrying case	Brief case or travel bag (Hand – strap)
15	Operating System	Original OEM Microsoft Windows 10 Pro 64Bit.

9) Laptop (Qty:2)

S/n	Items	Specification
1	Processor	M1 Pro chip for a massive leap in CPU, GPU, and machine learning performance, Up to 10-core CPU delivers up to 3.7x faster performance to fly through pro workflows quicker than ever3
3	Ram	Up to 16GB of unified memory so everything you do is fast and fluid
4	Hard disk	Up to 512GB of superfast SSD storage launches apps and opens files in an instant
5	Graphic card	Up to 32-core GPU with up to 13x faster performance for graphics-intensive apps
6	Display Size, Screen Resolution	• 14-inch Liquid Retina XDR, the most advanced pro notebook display ever • 1080p FaceTime HD camera with advanced image signal processor for sharper video calls
7	CD-DVD	DVD-Writer.
8	Wireless,	Next-generation Wi-Fi 6 for faster connectivity
9	Audio	• Six-speaker sound system with force-cancelling woofers • Studio-quality three-microphone array captures your voice more clearly
10	Output Devices	Three Thunderbolt 4 ports, HDMI port, SDXC card slot, headphone jack, MagSafe 3 port
11	Operating System	macOS Monterey lets you connect, share, and create like never before, with exciting new FaceTime updates and a redesigned Safari

10)   Data show (Qty:1)

Item	Specifications
3D Type	3D Ready
Color Supported	1.07 Billion Colors (30-bit)
Compatible Aspect Ratio	4:3
Contrast Ratio	20,000:1
Economy Mode Lamp Life	6000 Hour
Graphic Mode	WUXGA
HDMI	Yes
Input Scan Format	1080p
Lamp Power	190 W
Maximum Diagonal Image Size	25.27 ft
Minimum Diagonal Image Size	45.30"
Maximum Horizontal Sync	91.15 kHz
Maximum Vertical Sync	85 Hz
Maximum Lens Aperture	F/2.8
Maximum Projection Distance	11"
Maximum Resolution	1920 x 1200
Minimum Projection Distance	1.64"
Normal Mode Lamp Life	5000 Hour
Number of HDMI Ports	2
Operating Power Consumption	262 W
Warranty	3 Years
Weight	6 lb
Height x Width x Depth	4" x 12.4" x 8.8"

11) All in one PC (Qty:20)

S/n	Items	Specification
1	Processor	Intel Core i7-12700 2.10G 25MB 12 cores 65W
3	Ram	16GB (1x16GB) DDR5 4800 SODIMM Memory
4	Hard disk	1TB 2280 PCIe NVMe Value Solid State Drive
5	Graphic card	Intel® UHD Graphics 770
6	Media reader	SD 4 Card Reader
7	Wireless technology	Intel AX211 Wi-Fi 6E vPro 160 MHz +Bluetooth 5.3 WW WLAN
8	Finger print reader	Fingerprint Sensor
9	Audio	AiO Internal Stereo Speakers
10	Monitor	24 AiO BU -Touchscreen FHD IPS
11	Output Devices	Wireless Keyboard and Mouse Combo
12	Ports	Left side:1 headphone/microphone combo Right side:1 SuperSpeed USB Type-C® 10Gbps signaling rate (charging); 1 SuperSpeed USB Type-A 10Gbps signaling rate Rear:1 RJ-45; 1 HDMI 2.0a; 2 SuperSpeed USB Type-A 10Gbps signaling rate; 2 SuperSpeed USB Type-A 5Gbps signaling rate; 1 Dual-Mode DisplayPort™ 1.4; 1 SuperSpeed USB Type-C® 20Gbps signaling rate
13	Operating System	Original OEM Windows 10 Pro