Raa Atoll Technical Institute
Raa Alifushi
ICT and Electronic Items

SN	Location	Itme Name	Spec/Details	Qty	Photo
1	Education Block	Logitech Video Conferencing Camera System (Online Class setup and Meeting room setup)	**Logitech Group HD Video and Audio Conferencing System for Big Meeting Rooms** **Brand:** Logitech **Model:** (Vendor MUST Specify) **Type:** All-in-one video and audio conferencing kit for large meeting rooms (camera, speakerphone, hub and remote control) **Camera Resolution:** Full HD 1920 x 1080 or higher **Camera Control:** Motorised pan / tilt / zoom, minimum 10x zoom, autofocus **Audio:** Full-duplex speakerphone with acoustic echo cancellation and noise reduction Support for expansion microphones **Connectivity**: USB plug-and-play (UVC/UAC) to a host computer **Remote Control:** Included Windows 10 or later, macOS 10.10 or later **Software Compatibility:** Microsoft Teams, Zoom and Google Meet **Installation**: Installation Required. **Warranty:** Minimum 1 year parts **Warranty:** Minimum 1 year service	1	

2	**Education Block and Recreation Block**	**Multi Touch Screen Smart Lcd Display Meeting Room Smart Board with Movable Stand Interactive Whiteboard for Teaching. (1) for Recreation Block Auditorium**	**110" Multi Touch Screen Smart Lcd Display Meeting Room Smart Board Interactive Whiteboard for Teaching.** **With MOvable Stand.** **Brand:**(Vendor MUST Specify) **Model:**(Vendor MUST Specify) **Screen Size:** 110 inch **Panel:** LCD, 16:9, horizontal orientation **Resolution:** 4K UHD 3840 x 2160 **Refresh Rate**: Minimum 60 Hz **Touch:**Minimum 40 touch points **Writing by pen AND finger touch** **Whiteboard**: Interactive / electronic whiteboard software with annotation Stylus pens included **Built-in System:** Android, minimum 8GB RAM and 128GB storage **PC Module (OPS):** Intel Core i5 (13th Gen) or higher, minimum 8GB RAM, minimum 128GB storage Genuine Windows 11 Pro, pre-installed and activated Switching between Android and Windows **Inputs:**HDMI, USB, DisplayPort USB-C with video and touch (Thunderbolt preferred) Adapters for DVI and S-Video sources to be supplied if these inputs are not built in. **Camera:** Built-in, minimum 48MP **Frame & Colour:** Metal frame, white **Stand:** Movable floor stand with lockable castors, rated for the panel weight **Power Supply:**AC 220–240V, 50Hz, with UK 3-pin (Type G) plug **Installation:**Installation Required. **Warranty:**Minimum 1 year parts **Warranty:**Minimum 1 year service	1	     

3	**Education Block**	**Laptop for Trainings Seminars and Mobile trainings**	Laptop with the following specifications: **Brand:** (Vendor MUST Specify) **Model:** (Vendor MUST Specify) **Processor:** Intel Core i7 (13th Gen, minimum 10 cores) or higher **Memory:** Minimum 16GB DDR4 or higher **Storage:** Minimum 512GB SSD **Display:** 14" Full HD (1920 x 1080) IPS or higher **Wireless:** Wi-Fi 6 or later, Bluetooth **Ports:** USB-A, USB-C and HDMI **Keyboard:** EN-US layout **Operating System:** Genuine Windows 11 Pro 64-bit, pre-installed and activated **Power Adapter:** With UK 3-pin (Type G) plug **Warranty:** Minimum 1 year parts **Warranty:** Minimum 1 year service	2	

4	**Education Block**	**A3 Multifunction Printer (For Student services and Admin)**	**All in One A3 Printer.** **Brand:** (Vendor MUST Specify) **Model:** (Vendor MUST Specify) **Type:** All-in-one colour ink tank printer (print, copy, scan) **Maximum Media Size:** A3 (297 x 420 mm) **Print Media:** Plain paper **Print Resolution:** Colour: minimum 4,800 x 1,200 dpi **Black and white:** minimum 2,400 dpi **Copy Speed:** Minimum 38 ppm black and white **Dual-sided Printing:** Automatic **Scanner:** Flatbed **Paper Capacity:** Minimum 250 sheets **Connectivity:** Wi-Fi AND minimum 1 x Ethernet port **Mobile Printing:** From laptops, smartphones and tablets (iOS and Android) **Included Components: 1** full set of ink (black minimum 127 ml; cyan, magenta, yellow minimum 70 ml each), power cable, setup guide and software/drivers **Power Supply:** AC 220–240V, 50Hz, with UK 3-pin (Type G) plug **Installation: Installation Required.** **Warranty: Minimum 1 year parts** **Warranty: Minimum 1 year service**	1	  

5	**Education Block**	**75" SMART TV with Wall mount**	**75" SMART TV with Wall mount** **Brand:** (Vendor MUST Specify) **Model:** (Vendor MUST Specify) **Screen Size:** 75 inch **Resolution:** 3840 x 2160 or higher **Operating System:** Google TV or equivalent smart TV platform **Connectivity:** Minimum 1 port of each: HDMI, USB 2.0 or higher, antenna input, AV input, LAN and digital audio output (optical) **Power Supply:** AC 100–240V, with UK 3-pin (Type G) plug **Wall Mount:** VESA-compatible wall mount bracket rated for the TV weight, included To be affixed to the wall **Installation: Installation Required.** **Warranty: Minimum 1 year parts** **Warranty: Minimum 1 year service**	8	

6	**Accomodation Block**	**55" SMART TV with Wall mount Accomodation Block Student Common Area (2) and Warden Apartment (1)**	**SMART TV with Wall mount** **Brand:** (Vendor MUST Specify) **Model:** (Vendor MUST Specify) **Screen Size: 55 inch** **Display Type:** 4K UHD (3840 x 2160) LED **Operating System:** Google TV or equivalent smart TV platform **Processor:** Quad-core (2x Cortex-A75 + 2x Cortex-A55) or higher **RAM / Storage:** Minimum 2GB / 16GB **Wireless:** Wi-Fi 5 or higher, Bluetooth 5.2 or higher **Connectivity:** Minimum 1 port of each: HDMI, USB and LAN **Power Supply:** AC 100–240V, 50/60Hz, with UK 3-pin (Type G) plug **Power Consumption:** Maximum 125W (on), maximum 0.5W (standby) ECO energy-saving mode **Wall Mount:** VESA 200 x 200 mm compatible wall mount bracket, included **Installation: Installation Required.** **Warranty: Minimum 1 year parts** **Warranty: Minimum 1 year service**	2	

7	**Education Block**	**Computer systems** **Auditorium (1), Staffroom (4) and 2 training rooms 1-6 (1 each)**	**Brand:** (Vendor MUST Specify) **Model:** (Vendor MUST Specify) **Form Factor:** Small Form Factor OR Mini-Tower **Processor:** Intel Core i7 (13th Gen) or equivalent, minimum 16MB cache, minimum 3.0 GHz max turbo frequency **Memory:** Minimum 16GB RAM **Storage:** Minimum 256GB SSD for boot AND minimum 512GB HDD for data (1TB preferred) Network Interface: Integrated Gigabit Ethernet **Ports:** Minimum 8 USB ports: minimum 6 USB 2.0 or higher (2 front, 4 rear) AND minimum 2 USB 3.0 or higher HDMI AND DisplayPort **Keyboard:** USB wireless QWERTY enhanced keyboard (EN-US layout) **Mouse:** USB wireless optical scroll mouse **Operating System:** Genuine Windows 11 Pro 64-bit, pre-installed and activated (licence key included) **Monitor:** Minimum 24" LCD/LED, Full HD 1920 x 1080 HDMI AND DisplayPort supported, with cables Monitor must be of the same brand as the computer. **Power Supply:** AC 220–240V, 50Hz, with UK 3-pin (Type G) plug **Installation: Installation Required.** **Warranty: Minimum 1 year parts** **Warranty: Minimum 1 year service**	13	

8	**Education Block**	**Projector for (Auditorium) Recreation Building and Multipurpose Hall**	**Brand:** (Vendor MUST Specify) **Model:** (Vendor MUST Specify) **Brightness:** Minimum 3,500 ANSI lumens **Resolution:** Minimum WXGA (1280 x 800) **Inputs:** Minimum 1 x HDMI **Speaker:** Built-in speaker **Mounting:** Adjustable ceiling mount bracket, included **Cable:** 5 metre HDMI cable, active / optical type, included **Power Supply:** AC 220–240V, 50Hz, with UK 3-pin (Type G) plug **Installation:** Installation Required. **Warranty:** Minimum 1 year parts **Warranty:** Minimum 1 year service Vendor to specify lamp / light-source life and its warranty.	2	
9	**Education Block and Recreation Block**	**Sound System (Auditorium) Recreation Building Multipurpose Hall**	**Brand:** (Vendor MUST Specify) **Model:** (Vendor MUST Specify) **Amplifier / Mixer:** Amplifier with equalizer and 48V phantom power support **Podium Microphone:** 1 x 18" gooseneck **podium microphone Wireless Microphones:** 1 set of 2 cordless (wireless) handheld microphones with receiver. **Microphone Stand:** 1 x microphone stand **Speakers:** 2 x speakers with stands, matched to the amplifier **Cables:** 30 feet speaker cable per speaker, plus all required microphone cables **Brand Approval:** Supplier must submit the brand of each component for approval. **Installation: Installation Required.** **Warranty: Minimum 1 year parts** **Warranty: Minimum 1 year service**	2	

10	**Education Block**	**Stand Fan** Reception Area	Stand Fan Fan Diameter: 41cm (16.1") Rated Power: 50W Rated Voltage: 220-240V~ Rated Frequency: 50Hz Placement: Freestanding No. of Fan Blades: 7 Blades No. of Speeds: 3 (Low/Medium/High) Timer: Up to 2 hours	4	
11	**Education Block**	**Industrial Stand Fan for workshops**	Indutrial Stand Fan 20" Size: 500mm - 20" Watts: 110W Speed: 1400RPM Air Delivery: 10200 CBM	4	

12	**Accomodation Block**	**Accomodation Block Student Kitchen**	**Refrigerator, Inverter (564L) or (560L)** Refrigerator Volume: 357L Freezer Volume: 207L Total Volume: 564L Rated Voltage: 220-240V~ Rated Frequency: 50Hz Rated Current: 1.55a Rated Defrost Power: 240W Lamp Rated Power: 5W Temperature Rise Time: 7h Freezing Capacity: 10kg/24h Refrigerant, Amount: R600a, 74g Climate Class: SN/N/ST/T Foaming Agent: Cyclopentane	1	
13	**Accomodation Block Laundary & Education Block**	**Washer & Dryer, Inverter (10kg) (1) for Admin and (3) fo rAccomodation Block**	Front Loading Washer & Dryer, Inverter (10kg)	4	
Total					