

The meeting started with the name of Allah. Thereafter, Dr. Haider Ali, Convener Procurement Committee welcomed the participants and invited the representatives of prospective bidders to ask queries, if any, in the terms and conditions of tender documents or specifications. After hearing representatives of the bidders and detailed discussion, the Committee recommended the following amendments in the tender documents: -

1. The date for submission and opening of bids may be extended to 27<sup>th</sup> December, 2022 instead of 20<sup>th</sup> December, 2022 through national dailies.
2. The term “DDP” appearing in tender notice and tender documents may be treated as deleted.
3. The delivery period mention in clause -2 of Section-III (conditions of contract) may be read as 100 days for supply of Desktop Computers only. Delivery period for other items shall remain as 30 days.
4. In Section-IV of the bidding documents, the revised list of items, technical specifications and quantities will be as under: -

#### **SECTION -IV**

#### **ITEMS, TECHNICAL SPECIFICATIONS AND QUANTITIES**

<b>Item No.</b>	<b>Item and Technical Specification</b>	<b>Qty</b>
1.	<b>Branded Desktop Computers</b> Specs: Core-i7, 10 <sup>th</sup> Generation, 16 GB RAM, 500 GB SSD + <b>500 GB HDD</b> , 2 GB graphic card ( <b>Integrated</b> ), 22” LED Monitor, with all accessories including wireless LAN adapter, USB Keyboard, USB Optical Mouse, Optical Drive Software: MS Windows (latest) and MS office suite (latest) along antivirus (licensed) <b>Dell, HP or equivalent</b>	57
2	<b>Branded Desktop Computers</b> Specs: Core-i7, 10 <sup>th</sup> Generation, 16 GB RAM, 500 GB SSD, 2 GB graphic card ( <b>Integrated</b> ), 22” LED Monitor, with all accessories including wireless LAN adapter, USB Keyboard, USB Optical Mouse, Optical Drive. Software: MS Windows (latest) and MS office suite (latest) along antivirus (licensed). <b>Dell, HP or equivalent</b>	66

3	<b>Branded Desktop Computers</b> Specs: Core-i7, 10 <sup>th</sup> Generation, 16 GB RAM, 500 GB SSD, 2 GB graphic card <b>(Dedicated)</b> , 22" LED Monitor, with all accessories including wireless LAN adapter, USB Keyboard, USB Optical Mouse, Optical Drive. Software: MS Windows (latest) and MS office suite (latest) along antivirus (licensed) <b>Dell, HP or equivalent</b>	55
4	<b>42U Rack</b> Specs: Size: 42U Standard server rack with all accessories, With 24port patch panel / cable manager 8port PDU (03 No's)	01
5	<b>2U rack standard size wall</b> mounted with all accessories	05
6	<b>CAT-6 cable</b> Pure copper outdoor use, 305 Meter (Schneider or equivalent)	01 Roll
7	<b>POE Giga Switch:</b> Spec: 16 Port Fast Ethernet, Unmanaged POE Switch. 16 x 10/100 Mbps PoE, ports, 1 x 10/100/1000, Mbps uplink ethernet port and 1 x 10/100/1000 Mbps, uplink SFP port, IEEE 802.3 aflame; at high POE power supply, Maximum 250 m long, distance PoE transmission VIP port transmission, Priority	01
8	<b>Multimedia Projectors</b> Specs: Projector resolution 1024 x 768, brightness 2800 lumens or above, contrast 4000: 1 or above, input and outputs HDMI, VGA, built in wireless connectivity, energy saving model/eco mode technology for long lamp life, along with installation, mount sealing, branded HDMI and high quality VGA cables (10 meter length), wall mount screen size 8 x 6 feet.	12
9	<b>Printer</b> Specs: 3in1 (Printer, copier, scanner), Printing Technology: Laser Print resolution: 600x600 dpi Copy resolution: up to 600 x 400dpi Input capacity:150 sheets Output capacity:100 sheets Scan Resolution: up to 1200x1200 Dpi	03
10	<b>Color Printer</b> HP Color Laser Jet Pro MFP M183 FW or equivalent	01
11	<b>Automatic Paper Shredder Machine</b> Specs: Shred Capacity: At least 20 sheets Size & Cut Type: 2 x 10 mm micro cuts Bin Volume: At least 20 L	01
12	<b>Heavy Duty Photocopier Machine</b>	01

	<p>Specs:</p> <p>1150 Paper sheet capacity</p> <p>Speed 40ppm, Resolution: 1200 x 1200 dpi (print, at reduced speed), 600 x 600 dpi (scan/copy), Standard interface: USB 2.0 (Hi-Speed)</p> <p>PAPER HANDLING: Input capacity:</p> <p>100-sheet multi-purpose tray, Standard universal paper cassette: 2 x 500 sheet, Max. input capacity with options: 4,100 sheets A4</p> <p>Duplex unit: Duplex as standard supports</p> <p>Interface, Gigabit Ethernet</p>	
13	<p><b>Standing AC/ Tower AC with atleast 9 feet copper pipes and ducting</b></p> <p>Specs</p> <p>DC Inverter (Heat &amp; Cold)</p> <p>Specs:</p> <p>Capacity: 2 Ton</p> <p>Type: DC Inverter</p> <p>Cooling Capacity</p> <p>BTU: 24000</p> <p>Heating Capacity</p> <p>BTU: 24000</p>	23
14	<p><b>Split AC with atleast 9 feet copper pipes and ducting</b></p> <p>Specs</p> <p>DC Inverter (Heat &amp; Cold)</p> <p>Specs:</p> <p>Capacity: 1.5 Ton</p> <p>Wall Mounted</p> <p>Type: DC Inverter</p> <p>Cooling Capacity</p> <p>(BTU): 18000</p> <p>Heating Capacity</p> <p>(BTU): 18000</p>	11
15	<p><b>Hybrid UPS solar supported MPPT</b></p> <p>Specs: 3.2 KVA</p> <p>Capacity :3200W</p> <p>Input Voltage:230 VAC</p> <p>Selectable Voltage Range: 170-280 VAC AND 90-280 VAC</p> <p>Frequency range:50 Hz/60 Hz</p> <p>Out Put (Off-Grid Operation):</p> <p>AC Voltage Regulation (Batt Mode) 230 VAC <math>\pm</math> 5%</p> <p>Surge Power:6400 VA</p> <p>Efficiency Peak 90 %~93 %</p> <p>Transfer Time 15 ms and 20 ms</p> <p>Waveform : Pure sine Wave</p> <p>Out Put (Grid-TIE Operation):</p> <p>Nominal Out Put Voltage :230 VAC <math>\pm</math> 5 %</p>	07

	Out Put Voltage Range:195-253 @ Asia Region Regulation Nominal Out Put Current:13 A Power Factory : >0.99 Battery: Battery Voltage 24 VDC Floating Charge Voltage 27 VDC Overcharge Protection 31 VDC Solar Charger & AC Charger Solar Charge Type MPPY Maximum PV Array Open Circuit Voltage:500 VDC Maximum PV Array Power:4000 W MPP Range@ Operation Voltage 120~450 VDC Maximum Solar Charge Current 80 A Maximum AC Charge Current 60 A	
16	<b>Batteries for UPS</b> Specs: (200 AH) 12 Volts Lead Acid	25

The above amendments may be uploaded on University as well as KPPRA websites and may be made part of the bidding documents. A Corrigendum may be published in the national dailies.