



KENYA ELECTRICITY GENERATING COMPANY PLC.

KGN-KIP-08-2019.

TENDER FOR SUPPLY, INSTALLATION AND COMMISSIONING OF BOILER PANEL MONITORING [CCTV] SYSTEM AT KIPEVU 1 POWER STATION.

16th May, 2019.

ADDENDUM NO 2.

In Accordance with the Tender for “Supply, Installation and Commissioning of Boiler Panel Monitoring [CCTV] System at Kipevu 1 Power Station.” KenGen hereby issues **Addendum No.2**

ADDITIONAL INFORMATION ON TECHNICAL SPECIFICATIONS.

5 CABINETS

4 pieces 22U

1-piece 12U

NETWORK SWITCHES

2 pc POE managed switches

- 24 x Gigabit Ethernet Ports
- 2 x SFP Slots
- 2 x Gigabit Ethernet Combo Ports
- 41.67 mpps Transfer Rate
- 56 Gbps Switching Capacity
- 12 Mb Packet Buffer
- IPv6 Support
- Advanced Layer 3 Traffic Management
- Enhanced Power Efficiency

4pcs POE managed switches

- 8 x 10/100 + 2 x combo Gigabit SFP
- 41.67 mpps Transfer Rate
- 56 Gbps Switching Capacity

- 12 Mb Packet Buffer
- IPv6 Support
- Advanced Layer 3 Traffic Management
- Enhanced Power Efficiency

FIBER OPTIC, FIBER PATCHPANEL & FIBER PATCH CORDS

All connection between specified buildings will be done with Multimode fiber optic with minimum 6(six) cores terminated in the fiber patch on both ends.

6 pieces fiber patch panel.

10 pieces sc-lc fiber patch cords

10 pieces multimode SFP (compatible to the type of switches the bidder will supply)

STORAGE

1. Minimum storage 30TB (usable)
2. Running on Windows Server 2012 R2 64bit

WORKSTATION

2pcs

Item	Minimum Requirement
Processor	Intel Core i3
Memory	8Gb
OS	Windows 10 Pro Enabled Operating System Recovery
Storage	256GB SSD (not HDD)
Video Streaming	Built-in monitor Live view and playback: Up to 25 camera split views Supports up to 4K on external monitor
Graphic card	Intel HD graphics 630
Connectors	4x USB 3.1 USB 3.1 Type-C 2x USB 2.0 Ethernet port(rj45) DisplayPort 1.2 Universal Audio jack Audio line out SD card reader
Mounting Option	VESA 100x100mm
Accessories	Keyboard (International), Computer mouse and height adjustable stand.
Warranty	3(three) years

MONITORING SCREEN (VIDEO WALL)

2pieces with stands.

Screen Size	43"
Edition	4k Multi Client
Panel Type	IPS
Backlight	LED
Pitch Size	0.2451 x 0.2451
Curvature	N/A
HDCP	Yes
Connectors	<ul style="list-style-type: none">• 1 x 3.5mm Audio In• 1 x D-Sub (VGA)• 1 x DisplayPort 1.2• 2 x HDMI 1.4• 1 x Headphone• 1 x Mini DisplayPort 1.2• 1 x RS232• 4 x USB 3.0• 1 x USB 3.0 In
Position Adjustment	Tilt
Resolution	3840x2160 (Ultra HD)
Aspect Ratio	16:9
Viewing Angle	178 /178 (°H/°V)
Power Usage (Switched on)	160 W

UPS

6 pieces rack mountable 1KVA ups (2U)

CAMERAS

In the Parts stores area, the scope changed to 2(two) indoor cameras and 1(one) outdoor camera.

Main power house upper floor shall have 1(one) additional indoor camera

ACKNOWLEDGEMENT OF ADDENDUM NO 2.

We, the undersigned hereby certify that the Addendum is an integral part of the document and has been incorporated in the tender proposal.

Signed.....

Tenderer.....

Date.....